

GenCore version 5.1.3  
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OM nucleic - protein search, using frame\_plus\_n2p model

Run on: February 13, 2003, 21:16:38 ; Search time 14 Seconds

(without alignments)  
2345.427 Million cell updates/sec

Title: US-09-659-379-4

Perfect score: 993

Sequence: 1 CCGCGGATCCGAGAGATCT.....GAAGAGCACTCGAGCCGGTC 558

Scoring table:

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Xgapop 10.0 , Xgapext 0.5  
Ygapop 10.0 , Ygapext 0.5  
Fgapop 6.0 , Fgapext 7.0  
Delop 6.0 , Delext 7.0

Searched: 262574 seqs, 29422922 residues

Total number of hits satisfying chosen parameters: 525148

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Command line parameters:

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-DB=Issued\_Patents\_AA -QFMT=fastan -SUFFIX=rai -MINMATCH=0.1 -LOOPCL=0  
-LOOPEXT=0 -UNITS=bits -START=1 -END=1 -MATRIX=blosum62 -TRANS=human40.cdi  
-LIST=45 -DOALIGN=200 -THR\_SCORE=ptc -THR\_MAX=100 -THR\_MIN=0 -ALIGN=15  
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-YGAPOP=10 -YGAPEXT=0.5 -DELOP=6 -DELEXT=7

Database : Issued\_Patents\_AA:\*  
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3: /cgn2\_6/ptodata/2/iaa/6A.COMB.pep.\*  
4: /cgn2\_6/ptodata/2/iaa/6B.COMB.pep.\*  
6: /cgn2\_6/ptodata/2/iaa/pctus\_comb.pep.\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Match	Length	ID	Description
1	819	82.5	174	2	US-08-401-530A-2
2	819	82.5	174	2	US-08-709-662-2
3	819	82.5	175	1	US-08-909-725-6
4	525	52.9	175	2	US-08-401-530A-3
5	525	52.9	175	2	US-08-709-662-3
6	491	49.4	175	2	US-08-464-637-2
7	491	49.4	175	2	US-08-401-530A-4
8	491	49.4	175	2	US-08-709-662-4
9	491	49.4	175	2	US-08-822-261-3
10	485	48.8	174	1	US-07-778-156-7
11	485	48.8	174	2	US-08-822-261-4
12	485	48.8	174	2	US-08-422-166-7

13	485	48.8	175	2	US-08-822-261-1	Sequence 1, Appli
14	484	48.7	158	1	US-07-778-156-3	Sequence 3, Appli
15	484	48.7	158	2	US-08-422-166-3	Sequence 3, Appli
16	484	48.7	184	1	US-07-778-156-2	Sequence 2, Appli
17	484	48.7	184	2	US-08-422-166-2	Sequence 2, Appli
18	446.5	45.0	174	2	US-08-401-530A-5	Sequence 5, Appli
19	446.5	45.0	174	2	US-08-709-662-5	Sequence 5, Appli
20	434	43.7	174	2	US-08-401-530A-6	Sequence 6, Appli
21	434	43.7	174	2	US-08-709-662-6	Sequence 6, Appli
22	360.5	36.3	166	2	US-08-729-103-4	Sequence 4, Appli
23	354.5	35.7	165	2	US-08-401-530A-7	Sequence 7, Appli
24	354.5	35.7	165	2	US-08-729-103-3	Sequence 3, Appli
25	354.5	35.7	165	2	US-08-709-662-7	Sequence 7, Appli
26	257.5	25.9	117	6	5514582-15	Patent No. 5514582
27	193	19.4	134	1	US-07-893-929A-2	Sequence 2, Appli
28	193	19.4	134	5	PCT-US92-10344-2	Sequence 2, Appli
29	186.5	18.8	158	2	US-08-729-103-1	Sequence 1, Appli
30	186.5	18.8	158	2	US-08-468-413-2	Sequence 2, Appli
31	186.5	18.8	158	3	US-09-162-508-2	Sequence 2, Appli
32	186.5	18.8	158	5	PCT-US95-07169-2	Sequence 2, Appli
33	185	18.6	131	1	US-07-893-929A-1	Sequence 1, Appli
34	185	18.6	131	5	PCT-US92-10344-1	Sequence 1, Appli
35	172	17.3	130	1	US-07-893-929A-7	Sequence 7, Appli
36	172	17.3	130	5	PCT-US92-10344-7	Sequence 7, Appli
37	172	17.3	133	1	US-07-893-929A-9	Sequence 9, Appli
38	172	17.3	133	5	PCT-US92-10344-9	Sequence 9, Appli
39	164	16.5	125	1	US-07-893-929A-3	Sequence 3, Appli
40	164	16.5	125	5	PCT-US92-10344-3	Sequence 3, Appli
41	162	16.3	132	1	US-07-893-929A-5	Sequence 5, Appli
42	162	16.3	132	5	PCT-US92-10344-5	Sequence 5, Appli
43	161	16.2	1722	4	US-09-194-612A-1	Sequence 1, Appli
44	160	16.1	123	1	US-07-893-929A-4	Sequence 4, Appli
45	160	16.1	123	5	PCT-US92-10344-4	Sequence 4, Appli

ALIGNMENTS

RESULT 1  
US-08-401-530A-2  
; Sequence 2, Application US/08401530A  
; Patent No. 5834590  
; GENERAL INFORMATION:  
; APPLICANT: Vinik, Aaron I.  
; APPLICANT: Pittenger, Gary L.  
; APPLICANT: Rafaeloff, Ronit  
; APPLICANT: Rosenberg, Lawrence  
; APPLICANT: Duguid, William P.  
; TITLE OF INVENTION: IN GAP PROTEIN INVOLVED IN PANCREATIC  
; NUMBER OF SEQUENCES: 7  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Banner & Allegretti  
; STREET: 1001 G Street, N.W.  
; CITY: Washington  
; STATE: D.C.  
; COUNTRY: US  
; ZIP: 20001-4597  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patent In Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; FILING DATE: 22-FEB-1995  
; CLASSIFICATION: 800  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Kagan, Sarah A.  
; REGISTRATION NUMBER: 32,141  
; REFERENCE/DOCKET NUMBER: 00570.48743  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 202-508-9100  
; TELEFAX: 202-508-9299

; INFORMATION FOR SEQ ID NO: 2:  
 ; SEQUENCE CHARACTERISTICS:  
 ; LENGTH: 174 amino acids  
 ; TYPE: amino acid  
 ; TOPOLOGY: linear  
 ; MOLECULE TYPE: protein  
 ; US-08-401-530A-2

Alignment Scores:  
 Pred. No.: 4.62e-91 Length: 174  
 Score: 819.00 Matches: 149  
 Percent Similarity: 100.00% Conservative: 0  
 Best Local Similarity: 100.00% Mismatches: 0  
 Query Match: 82.48% Indels: 0  
 DB: 2 Gaps: 0

US-09-659-379-4 (1-558) x US-08-401-530A-2 (1-174)

Qy 12 GAAGAATCTCAAAAGAACTGCTTTCAGGTATACCTGCTCAAGGCTCTGTAGCC 71  
 Db 26 GluGluSerGlnLysLysLeuProSerSerArgIleThrCysProGlnGlySerValAla 45  
 Qy 72 TATGGGTCCTATTGCTATCTACTGATTTGTATACACAGAGCTGGTCTAATGCAGAACTA 131  
 Db 46 TyrGlySerTyrCysTyrSerLeuIleLeuLeuProGlnThrTrpSerAsnAlaGluLeu 65  
 Qy 132 TCCTGCCAGATGCAATTCCTCAGGACACCTGGCATTTCTCTCAGTACTGTTGAAATACC 191  
 Db 66 SerCysGlnMetHisPheSerGlyHisLeuAlaPheLeuLeuSerThrGlyGluIleThr 85  
 Qy 192 TTCGGTCTCCTCCCTGTGGAAGAACAGTTGACGGCTACACAGTACATCTGGATTGGACTC 251  
 Db 86 PheValSerSerLeuValLysAsnSerLeuThrAlaTyrGlnTyrIleTrpIleGlyLeu 105  
 Qy 252 CATGATCCCTCACATGGTACACTACCCAAACGAGAGTGGATGGAAGTGGAGAGTCCCAAT 311  
 Db 106 HisAspProSerHisGlyThrLeuProAsnGlySerGlyTrpLysTrpSerSerAsn 125  
 Qy 312 GTGCTGACCTTCTATACCTGGAGAGAACCCCTCTATTGCTGACCGTGGTTATTGT 371  
 Db 136 ValLeuThrPheTyrAsnTrpGluArgAsnProSerIleAlaAlaAspArgGlyTyrCys 145  
 Qy 372 GCAGTTTGTCTCAGAAATCAGGTTTTCAGAGTGGAGAGATTTTAATTTGTAATAATGAG 431  
 Db 146 AlaValLeuSerGlnLysSerGlyPheGlnLysTrpArgAspPheAsnCysGluAsnGlu 165  
 Qy 432 CTTCCTATATCTGCAAAATTCAGGTC 458  
 Db 166 LeuProTyrIleCysLysPheLysVal 174

RESULT 2  
 US-08-709-662-2  
 ; Sequence 2, Application US/08709662  
 ; Patent No. 5840531

; GENERAL INFORMATION:  
 ; APPLICANT: Vinik, Aaron I.  
 ; APPLICANT: Pittenger, Gary L.  
 ; APPLICANT: Rafaeloff, Ronit  
 ; APPLICANT: Rosenberg, Lawrence  
 ; APPLICANT: Duguid, William P.  
 ; TITLE OF INVENTION: IN GAP PROTEIN INVOLVED IN PANCREATIC  
 ; TITLE OF INVENTION: ISLET NEOGENESIS  
 ; NUMBER OF SEQUENCES: 7  
 ; CORRESPONDENCE ADDRESS:  
 ; ADDRESSEE: Banner & Witcoff, Ltd.  
 ; STREET: 1001 G Street, N.W.  
 ; CITY: Washington  
 ; STATE: D.C.  
 ; COUNTRY: US  
 ; ZIP: 20001-4597

COMPUTER READABLE FORM:  
 MEDIUM TYPE: Floppy disk  
 COMPUTER: IBM PC compatible

; OPERATING SYSTEM: PC-DOS/MS-DOS  
 ; SOFTWARE: PatentIn Release #1.0, Version #1.25  
 ; CURRENT APPLICATION DATA:  
 ; APPLICATION NUMBER: US/08/709,662  
 ; FILING DATE: 09-SEP-1996  
 ; CLASSIFICATION: 435  
 ; ATTORNEY/AGENT INFORMATION:  
 ; NAME: Kagan, Sarah A.  
 ; REGISTRATION NUMBER: 32,141  
 ; REFERENCE/DOCKET NUMBER: 00570.59178  
 ; TELECOMMUNICATION INFORMATION:  
 ; TELEPHONE: 202-508-9100  
 ; TELEFAX: 202-508-9299  
 ; INFORMATION FOR SEQ ID NO: 2:  
 ; SEQUENCE CHARACTERISTICS:  
 ; LENGTH: 174 amino acids  
 ; TYPE: amino acid  
 ; TOPOLOGY: linear  
 ; MOLECULE TYPE: protein  
 ; US-08-709-662-2

Alignment Scores:  
 Pred. No.: 4.62e-91 Length: 174  
 Score: 819.00 Matches: 149  
 Percent Similarity: 100.00% Conservative: 0  
 Best Local Similarity: 100.00% Mismatches: 0  
 Query Match: 82.48% Indels: 0  
 DB: 2 Gaps: 0

US-09-659-379-4 (1-558) x US-08-709-662-2 (1-174)

Qy 12 GAAGAATCTCAAAAGAACTGCTTTCAGGTATACCTGCTCAAGGCTCTGTAGCC 71  
 Db 26 GluGluSerGlnLysLysLeuProSerSerArgIleThrCysProGlnGlySerValAla 45  
 Qy 72 TATGGGTCCTATTGCTATCTACTGATTTGTATACACAGAGCTGGTCTAATGCAGAACTA 131  
 Db 46 TyrGlySerTyrCysTyrSerLeuIleLeuLeuProGlnThrTrpSerAsnAlaGluLeu 65  
 Qy 132 TCCTGCCAGATGCAATTCCTCAGGACACCTGGCATTTCTCTCAGTACTGTTGAAATACC 191  
 Db 66 SerCysGlnMetHisPheSerGlyHisLeuAlaPheLeuLeuSerThrGlyGluIleThr 85  
 Qy 192 TTCGGTCTCCTCCCTGTGGAAGAACAGTTGACGGCTACACAGTACATCTGGATTGGACTC 251  
 Db 86 PheValSerSerLeuValLysAsnSerLeuThrAlaTyrGlnTyrIleTrpIleGlyLeu 105  
 Qy 252 CATGATCCCTCACATGGTACACTACCCAAACGAGAGTGGATGGAAGTGGAGAGTCCCAAT 311  
 Db 106 HisAspProSerHisGlyThrLeuProAsnGlySerGlyTrpLysTrpSerSerAsn 125  
 Qy 312 GTGCTGACCTTCTATACCTGGAGAGAACCCCTCTATTGCTGACCGTGGTTATTGT 371  
 Db 126 ValLeuThrPheTyrAsnTrpGluArgAsnProSerIleAlaAlaAspArgGlyTyrCys 145  
 Qy 372 GCAGTTTGTCTCAGAAATCAGGTTTTCAGAGTGGAGAGATTTTAATTTGTAATAATGAG 431  
 Db 146 AlaValLeuSerGlnLysSerGlyPheGlnLysTrpArgAspPheAsnCysGluAsnGlu 165  
 Qy 432 CTTCCTATATCTGCAAAATTCAGGTC 458  
 Db 166 LeuProTyrIleCysLysPheLysVal 174

RESULT 3  
 US-08-909-725-6  
 ; Sequence 6, Application US/08909725  
 ; Patent No. 5804421  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Vinik, Aaron  
 ; APPLICANT: Pittenger, Gary  
 ; APPLICANT: Rafaeloff-Phail, Ronit  
 ; APPLICANT: Barlow, Scott  
 ; TITLE OF INVENTION: HIGH LEVEL EXPRESSION OF

COMPUTER READABLE FORM:  
 MEDIUM TYPE: Floppy disk  
 COMPUTER: IBM PC compatible

; TITLE OF INVENTION: IN GAP IN BACTERIAL AND EUKARYOTIC CELLS  
 ; NUMBER OF SEQUENCES: 6  
 ; CORRESPONDENCE ADDRESS:  
 ; ADDRESSEE: Banner & Witcoff, Ltd.  
 ; STREET: 1001 G Street, N.W.  
 ; CITY: Washington  
 ; STATE: DC  
 ; COUNTRY: USA  
 ; ZIP: 20001  
 ; COMPUTER READABLE FORM:  
 ; MEDIUM TYPE: Diskette  
 ; COMPUTER: IBM Compatible  
 ; OPERATING SYSTEM: DOS  
 ; SOFTWARE: FastSeq for Windows Version 2.0  
 ; CURRENT APPLICATION DATA:  
 ; APPLICATION NUMBER: US/08/909,725  
 ; FILING DATE: 12-AUG-1997  
 ; CLASSIFICATION: 435  
 ; PRIOR APPLICATION DATA:  
 ; APPLICATION NUMBER: 08/741,096  
 ; FILING DATE: 30-OCT-1996  
 ; ATTORNEY/AGENT INFORMATION:  
 ; NAME: Kagan, Sarah A  
 ; REGISTRATION NUMBER: 32,145  
 ; REFERENCE/DOCKET NUMBER: 0570.05173  
 ; TELECOMMUNICATION INFORMATION:  
 ; TELEPHONE: 202-508-9100  
 ; TELEFAX: 202-508-9299  
 ; TELEX: 97430 BMB UT  
 ; INFORMATION FOR SEQ ID NO: 6:  
 ; SEQUENCE CHARACTERISTICS:  
 ; LENGTH: 175 amino acids  
 ; TYPE: amino acid  
 ; STRANDEDNESS: single  
 ; TOPOLOGY: linear  
 ; MOLECULE TYPE: protein  
 ; US-08-909-725-6

Alignment Scores:  
 Pred. No.: 4,63e-91 Length: 175  
 Score: 819.00 Matches: 149  
 Percent Similarity: 100.00% Conservative: 0  
 Best Local Similarity: 100.00% Mismatches: 0  
 Query Match: 82.48% Indels: 0  
 DB: 1 Gaps: 0

US-09-659-379-4 (1-558) x US-08-909-725-6 (1-175)

QY 12 GAAGAAATCTCAAAAGAAATGCTTCTTCCACGTATAACCTGCTCCTCAAGGCTCTGTAGCC 71  
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 QY 72 TATGGGTCTCTATTGCTATTCACGTATTTGATACACACACCTGGTCTTAATCGAAGCTA 131  
 Db 47 TyrGlySerTyrCysTyrSerLeuLeuIleProGlnThrTrpSerAsnAlaGluLeu 66  
 QY 132 TCCTGCCAGATGCTATTCCTCAGACACCTGGCATTTCTCTCAGTACTGGTGGTAAATTAAC 191  
 Db 67 SerCysGlnMetHisPheSerGlyHisLeuAlaPheLeuLeuSerThrGlyGluIleThr 86  
 QY 192 TTCGGTCTCTCCCTGCTGGAAGACAGTTTGGACGGCTACACGTACATCTGGATTTGACATC 251  
 Db 87 PheValSerSerLeuValLysAsnSerLeuThrAlaTyrGlnThrIleTrpIleGlyLeu 106  
 QY 252 CATGATCCCTCACATGGTACATACCTACCAACGAGTGGATGGAAGTGGAGCAGTTCCTCAAT 311  
 Db 107 HisAspProSerHisGlyThrLeuProAsnGlySerGlyTrpLysTrpSerSerAsn 126  
 QY 312 GTGCTGACCTTCTATAAATCGGAGAGAACCCCTCTATTGCTGCTGACCGTGGTATTGCT 371  
 Db 127 ValLeuThrPheTyrAsnTrpGluArgAsnProSerIleAlaAlaAspArgGlyTyrCys 146  
 QY 372 GCAGTCTTCTCAGAAATCAGGTTTTCAGAAAGTGGAGAGATTTTAAATGTGAAATGAG 431

Db 147 AlaValLeuSerGlnLysSerGlnLysPheGlnLysTrpArgAspPheAsnCysGluAsnGlu 166  
 QY 432 CTTCCCTATATCTGCAAAATTCAGGTC 458  
 Db 167 LeuProTyrIleCysLysPheLysVal 175  
 RESULT 4  
 US-08-401-530A-3  
 ; Sequence 3, Application US/08401530A  
 ; Patent No. 5834590  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Winik, Aaron I.  
 ; APPLICANT: Pittenger, Gary L.  
 ; APPLICANT: Rafaeloff, Ronit  
 ; APPLICANT: Rosenberg, Lawrence  
 ; APPLICANT: Duguid, William P.  
 ; TITLE OF INVENTION: IN GAP PROTEIN INVOLVED IN PANCREATIC  
 ; TITLE OF INVENTION: ISLET NEOGENESIS  
 ; NUMBER OF SEQUENCES: 7  
 ; CORRESPONDENCE ADDRESS:  
 ; ADDRESSEE: Banner & Allegretti  
 ; STREET: 1001 G Street, N.W.  
 ; CITY: Washington  
 ; STATE: D.C.  
 ; COUNTRY: US  
 ; ZIP: 20001-4597  
 ; COMPUTER READABLE FORM:  
 ; MEDIUM TYPE: Floppy disk  
 ; COMPUTER: IBM PC compatible  
 ; OPERATING SYSTEM: PC-DOS/MS-DOS  
 ; SOFTWARE: PatentIn Release #1.0, Version #1.25  
 ; CURRENT APPLICATION DATA:  
 ; APPLICATION NUMBER: US/08/401,530A  
 ; FILING DATE: 22-FEB-1995  
 ; CLASSIFICATION: 800  
 ; ATTORNEY/AGENT INFORMATION:  
 ; NAME: Kagan, Sarah A.  
 ; REGISTRATION NUMBER: 32,141  
 ; REFERENCE/DOCKET NUMBER: 00570.48743  
 ; TELECOMMUNICATION INFORMATION:  
 ; TELEPHONE: 202-508-9100  
 ; TELEFAX: 202-508-9299  
 ; INFORMATION FOR SEQ ID NO: 3:  
 ; SEQUENCE CHARACTERISTICS:  
 ; LENGTH: 175 amino acids  
 ; TYPE: amino acid  
 ; TOPOLOGY: linear  
 ; MOLECULE TYPE: protein  
 ; ANTI-SENSE: NO  
 ; ORIGINAL SOURCE:  
 ; ORGANISM: Rattus rattus  
 ; US-08-401-530A-3

Alignment Scores:  
 Pred. No.: 2.23e-55 Length: 175  
 Score: 525.00 Matches: 87  
 Percent Similarity: 78.91% Conservative: 29  
 Best Local Similarity: 59.18% Mismatches: 31  
 Query Match: 52.87% Indels: 0  
 DB: 2 Gaps: 0

US-09-659-379-4 (1-558) x US-08-401-530A-3 (1-175)

QY 12 GAAGAAATCTCAAAAGAAATGCTTCTTCCACGTATAACCTGCTCCTCAAGGCTCTGTAGCC 71  
 Db 27 GluAspSerProLysLysIleProSerAlaArgIleSerCysProLysGlySerGlnAla 46  
 QY 72 TATGGGTCTCTATTGCTATTCACGTATTTGATACACACACCTGGTCTTAATCGAAGCTA 131  
 Db 47 TyrGlySerTyrCysTyrAlaLeuPheGlnIleProGlnThrTrpPheAspAlaGluLeu 66  
 QY 132 TCCTGCCAGATGCTATTCCTCAGACACACCTGGCATTTCTTCTCAGTACTGGTGAATTAAC 191

Db 67 AlacysGlnLysArgProGluGlyHisLeuValSerValLeuAsnValAlaGluAlaSer 86  
Qy 192 TTCGTGCTCCCTGTGCAAGACAGTTTGACGGCCTACACAGTACATCTGGATTGGAGCTC 251  
Db 87 PheLeuAlaSerMetValLysAsnThrGlyAsnSerTyrGlnTyrIleTrpIleGlyLeu 106  
Qy 252 CATGATCCCTCACATGTTACACTACCCAAACGAAAGTGGATGGAAGTGGAGAGTTCACAT 311  
Db 107 HisAspProThrLeuGlyGlyGluProAsnGlyGlyGlyTrpGluTrpSerAsnAsnAsp 126  
Qy 312 GTGCTGACCTTCTATACTACCGAGAGAGAACCCCTCTATTGCTGCTGACCGTGGTATTGT 371  
Db 127 IleMetAsnTyrValAsnTrpGluArgAsnProSerThrAlaLeuAspArgGlyPheCys 146  
Qy 372 GCAGTTTGTCTCAGAAATCAGGTTTTCAGAAAGTGGAGAGATTTTAAATGGAAGATGAG 431  
Db 147 GlySerLeuSerArgSerGlyPheLeuArgTrpArgAspThrThrCysGluValLys 166  
Qy 432 CTTCCCTATATCTGCAATTC 452  
Db 167 LeuProTyrValCysLysPhe 173

RESULT 5

US-08-709-662-3  
; Sequence 3, Application US/08709662  
; Patent No. 5840531  
; GENERAL INFORMATION:  
; APPLICANT: Vink, Aaron I.  
; APPLICANT: Pittenger, Gary L.  
; APPLICANT: Rafaeloff, Ronit  
; APPLICANT: Rosenberg, Lawrence  
; APPLICANT: Duguid, William P.  
; TITLE OF INVENTION: INAP PROTEIN INVOLVED IN PANCREATIC  
; TITLE OF INVENTION: ISLET NEOGENESIS  
; NUMBER OF SEQUENCES: 7  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Banner & Witcoff, Ltd.  
; STREET: 1001 G Street, N.W.  
; CITY: Washington  
; STATE: D.C.  
; COUNTRY: US  
; ZIP: 20001-4597  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08709,662  
; FILING DATE: 09-SEP-1996  
; CLASSIFICATION: 435  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Kagan, Sarah A.  
; REGISTRATION NUMBER: 32,141  
; REFERENCE/DOCKET NUMBER: 00570.59178  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 202-508-9100  
; TELEFAX: 202-508-9299  
; INFORMATION FOR SEQ ID NO: 3:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 175 amino acids  
; TYPE: amino acid  
; TOPOLOGY: linear  
; MOLECULE TYPE: protein  
; ANTI-SENSE: NO  
; ORIGINAL SOURCE:  
; ORGANISM: Rattus rattus  
US-08-709-662-3  
Alignment Scores: 2.23e-55 Length: 175  
-Pred. No.: 525.00 Matches: 87  
Score:

Percent Similarity: 78.91% Conservative: 29  
Best Local Similarity: 59.18% Mismatches: 31  
Query Match: 52.87% Indels: 0  
DB: 2 Gaps: 0  
US-09-659-379-4 (1-558) x US-08-709-662-3 (1-175)  
Qy 12 GAGAAATCTCAAAGAAACGCTTCTTACGATATACCTGTCTCAGGCTCTGTAGCC 71  
Db 27 GluAspSerProLysLysIleProSerAlaArgIleSerCysProLysGlySerGlnAla 46  
Qy 72 TATGGGTCCCTATTCTCTATTCTACTGATTTTGTATACACAGACCTGGTCTAATGCAGAACTA 131  
Db 47 TyrGlySerTyrCysTyrAlaLeuPheGlnIleProGlnThrTrpPheAspAlaGluLeu 66  
Qy 132 TCCTGCCAGATGCATTTCTCAGGACACCTGGCATTTCTTCAGTACTGTGGTAAATACC 191  
Db 67 AlacysGlnLysArgProGluGlyHisLeuValSerValLeuAsnValAlaGluAlaSer 86  
Qy 192 TTCGTGCTCCCTGTGCAAGACAGTTTGACGGCCTACACAGTACATCTGGATTGGAGCTC 251  
Db 87 PheLeuAlaSerMetValLysAsnThrGlyAsnSerTyrGlnTyrIleTrpIleGlyLeu 106  
Qy 252 CATGATCCCTCACATGTTACACTACCCAAACGAAAGTGGATGGAAGTGGAGAGTTCACAT 311  
Db 107 HisAspProThrLeuGlyGlyGluProAsnGlyGlyGlyTrpGluTrpSerAsnAsnAsp 126  
Qy 312 GTGCTGACCTTCTATACTACCGAGAGAGAACCCCTCTATTGCTGCTGACCGTGGTATTGT 371  
Db 127 IleMetAsnTyrValAsnTrpGluArgAsnProSerThrAlaLeuAspArgGlyPheCys 146  
Qy 372 GCAGTTTGTCTCAGAAATCAGGTTTTCAGAAAGTGGAGAGATTTTAAATGGAAGATGAG 431  
Db 147 GlySerLeuSerArgSerGlyPheLeuArgTrpArgAspThrThrCysGluValLys 166  
Qy 432 CTTCCCTATATCTGCAATTC 452  
Db 167 LeuProTyrValCysLysPhe 173  
RESULT 6  
US-08-464-637-2  
; Sequence 2, Application US/08464637  
; Patent No. 5834214  
; GENERAL INFORMATION:  
; APPLICANT: Iovanna, Juan-Lucio  
; APPLICANT: Dagorn, Jean-Charles  
; APPLICANT: Keim, Volker  
; APPLICANT: Sarles, Jacques  
; TITLE OF INVENTION: Detection of Pancreatitis-Associated  
; TITLE OF INVENTION: Protein for Diagnosis of Cystic Fibrosis or Pancreatic  
; TITLE OF INVENTION: Disease (as amended).  
; NUMBER OF SEQUENCES: 2  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Birch, Stewart, Kolasch & Birch, LLP  
; STREET: P.O. Box 747  
; CITY: Falls Church  
; STATE: Virginia  
; COUNTRY: USA  
; ZIP: 22040-3487  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/464,637  
; FILING DATE: 30-AUG-1995  
; CLASSIFICATION: 435  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Murphy Jr., Gerald M.  
; REGISTRATION NUMBER: 28,977  
; REFERENCE/DOCKET NUMBER: 2121-107P  
; TELECOMMUNICATION INFORMATION:



TELEPHONE: 703-205-8000  
TELEFAX: 703-205-8050  
INFORMATION FOR SEQ ID NO: 2:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 175 amino acids  
TYPE: amino acid  
TOPOLOGY: linear  
MOLECULE TYPE: protein  
US-08-464-637-2

Alignment Scores:  
Pred. No.: 2,98e-51 Length: 175  
Score: 491.00 Matches: 82  
Percent Similarity: 77.55% Conservative: 32  
Best Local Similarity: 55.78% Mismatches: 33  
Query Match: 49.45% Indels: 0  
DB: 2 Gaps: 0

US-09-659-379-4 (1-558) x US-08-464-637-2 (1-175)

QY 12 GAAGAATCTCAAGAAACTGCCTTTCACGTATATAACCTGTCCTCAAGGCTCTGTAGCC 71  
||||| |||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||  
Db 27 GluGluProGlnArgLeuProSerAlaArgIleArgCysProLysGlySerLysAla 46  
QY 72 TATGGTCTCTATTGCTATTCTACTGATTTTGATACACAGACCTGGTCTTAATGCAGAACTA 131  
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Db 47 TyrGlySerHisCysTyrAlaLeuPheLeuSerProLysSerTyrThrAspAlaAspLeu 66  
QY 132 TCCTGCCAGATGCATTTCTCAGACACCTGGCATTTCTCTCAGTACTGGTGAATATACC 191  
||||| |||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||  
Db 67 AlaCysGlnLysArgProSerGlyAsnLeuValSerLeuSerGlyAlaGluGlySer 86  
QY 192 TTCGTGCTCCTCCTGCTGTTGAAGAACAGTTTGACGGCTACACATCTGGATTGGACTC 251  
||||| |||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||  
Db 87 PheValSerSerLeuValLysSerIleGlyAsnSerTyrSerTyrValTrpIleGlyLeu 106  
QY 252 CATGATCCTCACATGTTGACATACCCAGAACAGTTTGACGGCTACACATCTGGATTGGACTC 311  
||||| |||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||  
Db 107 HisAspProThrGlnGlyThrGluProAsnGlyGluGlyTrpGluTrpSerSerSer 126  
QY 312 GNGCTGACCTCTATAACTGGGAGAGACCCCTCTATTGCTGCTGACCGTGGTTATTGT 371  
||||| |||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||  
Db 127 ValMetAsnTyrPheAlaTrpGluArgAsnProSerThrIleSerSerProGlyHisCys 146  
QY 372 GCAGTCTTCTCAGAAATCAAGTTTTCAGAACTGGAGAGATTTTAATGTGAAAATGAG 431  
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Db 147 AlaSerLeuSerArgSerThrAlaPheLeuArgTrpLysAspTyrAsnCysAsnValArg 166

RESULT 7

US-08-401-530A-4  
Sequence 4, Application US/08401530A  
Patent No. 5840531  
GENERAL INFORMATION:  
APPLICANT: Vinik, Aaron I.  
APPLICANT: Pittenger, Gary L.  
APPLICANT: Rafaeloff, Ronit  
APPLICANT: Rosenberg, Lawrence  
APPLICANT: Duguid, William P.  
TITLE OF INVENTION: INCAP PROTEIN INVOLVED IN PANCREATIC  
TITLE OF INVENTION: ISLET NEOGENESIS  
NUMBER OF SEQUENCES: 7  
CORRESPONDENCE ADDRESS:  
STREET: Banner & Allogretti  
CITY: Washington  
STATE: D.C.  
COUNTRY: US  
ZIP: 20001-4597  
COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/401,530A  
FILING DATE: 22-FEB-1995  
CLASSIFICATION: 800  
ATTORNEY/AGENT INFORMATION:  
NAME: Kagan, Sarah A.  
REGISTRATION NUMBER: 32,141  
REFERENCE/DOCKET NUMBER: 00570,48743  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 202-508-9100  
TELEFAX: 202-508-9299  
INFORMATION FOR SEQ ID NO: 4:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 175 amino acids  
TYPE: amino acid  
TOPOLOGY: linear  
MOLECULE TYPE: protein  
ORIGINAL SOURCE:  
ORGANISM: Homo sapiens  
US-08-401-530A-4

Alignment Scores:  
Pred. No.: 2,98e-51 Length: 175  
Score: 491.00 Matches: 82  
Percent Similarity: 77.55% Conservative: 32  
Best Local Similarity: 55.78% Mismatches: 33  
Query Match: 49.45% Indels: 0  
DB: 2 Gaps: 0

US-09-659-379-4 (1-558) x US-08-401-530A-4 (1-175)

QY 12 GAAGAATCTCAAGAAACTGCCTTTCACGTATATAACCTGTCCTCAAGGCTCTGTAGCC 71  
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Db 27 GluGluProGlnArgLeuProSerAlaArgIleArgCysProLysGlySerLysAla 46  
QY 72 TATGGTCTCTATTGCTATTCTACTGATTTTGATACACAGACCTGGTCTTAATGCAGAACTA 131  
||||| |||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||  
Db 47 TyrGlySerHisCysTyrAlaLeuPheLeuSerProLysSerTyrThrAspAlaAspLeu 66  
QY 132 TCCTGCCAGATGCATTTCTCAGACACCTGGCATTTCTCTCAGTACTGGTGAATATACC 191  
||||| |||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||  
Db 67 AlaCysGlnLysArgProSerGlyAsnLeuValSerLeuSerGlyAlaGluGlySer 86  
QY 192 TTCGTGCTCCTCCTGCTGTTGAAGAACAGTTTGACGGCTACACATCTGGATTGGACTC 251  
||||| |||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||  
Db 87 PheValSerSerLeuValLysSerIleGlyAsnSerTyrSerTyrValTrpIleGlyLeu 106  
QY 252 CATGATCCTCACATGTTGACATACCCAGAACAGTTTGACGGCTACACATCTGGATTGGACTC 311  
||||| |||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||  
Db 107 HisAspProThrGlnGlyThrGluProAsnGlyGluGlyTrpGluTrpSerSerSer 126  
QY 312 GNGCTGACCTCTATAACTGGGAGAGACCCCTCTATTGCTGCTGACCGTGGTTATTGT 371  
||||| |||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||  
Db 127 ValMetAsnTyrPheAlaTrpGluArgAsnProSerThrIleSerSerProGlyHisCys 146  
QY 372 GCAGTCTTCTCAGAAATCAAGTTTTCAGAACTGGAGAGATTTTAATGTGAAAATGAG 431  
||||| |||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||  
Db 147 AlaSerLeuSerArgSerThrAlaPheLeuArgTrpLysAspTyrAsnCysAsnValArg 166  
QY 432 CTTCCCTATATCTGCAAAATTC 452  
||||| |||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||  
Db 167 LeuProTyrValCysLysPhe 173

RESULT 8

US-08-709-662-4  
Sequence 4, Application US/08709662  
Patent No. 5840531  
GENERAL INFORMATION:  
APPLICANT: Vinik, Aaron I.

APPLICANT: Pittenger, Gary L.  
APPLICANT: Rafaeloff, Ronit  
APPLICANT: Rosenberg, Lawrence  
APPLICANT: Duguid, William P.  
TITLE OF INVENTION: INGP PROTEIN INVOLVED IN PANCREATIC  
NUMBER OF SEQUENCES: 7  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Banner & Witcoff, Ltd.  
STREET: 1001 G Street, N.W.  
CITY: Washington  
STATE: D.C.  
COUNTRY: US  
ZIP: 20001-4597  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/709,662  
FILING DATE: 09-SEP-1996  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: Kagan, Sarah A.  
REGISTRATION NUMBER: 32,141  
REFERENCE/DOCKET NUMBER: 00570.59178  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 202-508-9100  
TELEFAX: 202-508-9299  
INFORMATION FOR SEQ ID NO: 4:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 175 amino acids  
TYPE: amino acid  
TOPOLOGY: linear  
MOLECULE TYPE: protein  
ORIGINAL SOURCE:  
ORGANISM: Homo sapiens  
US-08-709-662-4

Alignment Scores:  
Pred. No.: 2,98e-51 Length: 175  
Score: 491.00 Matches: 82  
Percent Similarity: 77.55% Conservative: 32  
Best Local Similarity: 55.78% Mismatches: 33  
Query Match: 49.45% Indels: 0  
DB: 2 Gaps: 0

US-09-659-379-4 (1-558) x US-08-709-662-4 (1-175)

QY 12 GAAGAACTCAAGAAAGTCCCTTTCAGGTATACCTGCTCCTCAGGCTCTGTAGCC 71  
Db 27 GluGluProGlnArgGluLeuProSerAlaArgLeuArgCysProLysGlySerLysAla 46  
QY 72 TATGGTCTCTATGCTATCTACTGCTTTGATACACAGACCTGCTGTAATGCAGAACTA 131  
Db 47 TyrGlySerHisCysTyrAlaLeuPheLeuSerProLysSerTrpThrAspAlaAspLeu 66  
QY 132 TCCTGCCAGATGCATTTCTCAGACACCTGCGATCTTCTCAGTACTGTTGAAATACC 191  
Db 67 AlaCysGlnLysArgProSerGlyAsnValSerValLeuSerGlyAlaGluGlySer 86  
QY 192 TTCGTGCTCTCCCTGTGCAAGAACAGTTTGACGCGCTACAGTACATCTGGATTGGACTC 251  
Db 87 PheValSerLeuValLysSerIleGlyAsnSerTyrSerTyrValTrpIleGlyLeu 106  
QY 252 CATGATCCCTCACATGGTACACTACCCAAACGGAAGTGGATGGAAGTGGAGAGTTCCAAT 311  
Db 107 HisAspProThrGlnGlyThrGluProAsnGlyGluGlyTrpGluTrpSerSerAsp 126  
QY 312 GTGTGACCTTCTTAATCTGGAGAGAACCCCTCTATTTGCTGTGACCGGTATTGT 371  
Db 127 ValMetAsnTyrPheAlaTrpGluArgAsnProSerThrIleSerSerProGlyHisCys 146

QY 372 GCAGTTTGTCTCAGAAATCAGGTTTTCAGAGTGAGAGATTTTAATGTGAAATGAG 431  
Db 147 AlaSerLeuSerArgSerThrAlaPheLeuArgTrpLysAspTyrAsnCysAsnValArg 166  
QY 432 CTTCCCTATATCTGCAATTC 452  
Db 167 LeuProTyrValCysLysPhe 173

RESULT 9  
US-08-822-261-3  
Sequence 3, Application US/08822261  
Patent No. 5935813  
GENERAL INFORMATION:  
APPLICANT: Hillman, Jennifer L.  
APPLICANT: Goll, Surya K.  
TITLE OF INVENTION: NOVEL HUMAN PANCREATITIS-ASSOCIATED  
TITLE OF INVENTION: PROTEIN  
NUMBER OF SEQUENCES: 6  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Incyte Pharmaceuticals, Inc.  
STREET: 3174 Porter Drive  
CITY: Palo Alto  
STATE: CA  
COUNTRY: USA  
ZIP: 94304  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: DOS  
SOFTWARE: FastSeq for Windows Version 2.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/822,261  
FILING DATE: Filed Herewith  
CLASSIFICATION: 530  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER:  
FILING DATE:  
ATTORNEY/AGENT INFORMATION:  
NAME: Billings, Lucy J.  
REGISTRATION NUMBER: 36,749  
REFERENCE/DOCKET NUMBER: PF-0251 US  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 415-855-0555  
TELEFAX: 415-845-4166  
INFORMATION FOR SEQ ID NO: 3:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 175 amino acids  
TYPE: amino acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
IMMEDIATE SOURCE:  
LIBRARY: GenBank  
CLONE: 262369  
US-08-822-261-3

Alignment Scores:  
Pred. No.: 2,98e-51 Length: 175  
Score: 491.00 Matches: 82  
Percent Similarity: 77.55% Conservative: 32  
Best Local Similarity: 55.78% Mismatches: 33  
Query Match: 49.45% Indels: 0  
DB: 2 Gaps: 0

US-09-659-379-4 (1-558) x US-08-822-261-3 (1-175)

QY 12 GAAGAACTCAAGAAAGTCCCTTTCAGGTATACCTGCTCCTCAGGCTCTGTAGCC 71  
Db 27 GluGluProGlnArgGluLeuProSerAlaArgLeuArgCysProLysGlySerLysAla 46  
QY 72 TATGGTCTCTATGCTATCTACTGCTTTGATACACAGACCTGCTGTAATGCAGAACTA 131  
Db 47 TyrGlySerHisCysTyrAlaLeuPheLeuSerProLysSerTrpThrAspAlaAspLeu 66

QY 132 TCCTCCAGATGCAATTTCTCAGACACCTGGCATTTCTTCTCAGTACTGGTGAATATACC 191  
Db 67 AlaCysGlnLysArgProSerGlyAsnLeuValSerValLeuSerGlyAlaGluGlySer 86  
QY 192 TTCGTGCTCCTCCCTGTTGAAGACAGATTTGACGGCTACCACTACATCTGATGGACTC 251  
Db 87 PheValSerLeuValLysSerIleGlyAsnSerTyrSerTyrValTrpIleGlyLeu 106  
QY 252 CATGATCCCTCAGATGCTACCTACCAAGCAAGTGGAGTGGAGGAGTTCCTCAAT 311  
Db 107 HisAspProThrGlnGlyThrGluProAsnGlyGluGlyTrpGluTrpSerSerSer 126  
QY 312 GTGCTGACCTTCTATACCTGAGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAG 371  
Db 127 ValMetAsnTyrPheAlaTrpGluArgAsnProSerThrIleSerSerProGlyHisCys 146  
QY 372 GCAGTTTGTCTCAGAAATCAGGTTTTCAGAGTGGAGGAGGAGGAGGAGGAGGAG 431  
Db 147 AlaSerLeuSerArgSerThrAlaPheLeuArgTrpLysAspTyrAsnCysAsnValArg 166  
QY 432 CTTCCTATATCTGCAATTC 452  
Db 167 LeuProTyrValCysLysPhe 173

RESULT 10

US-07-778-156-7  
; Sequence 7, Application US/07778156  
; Patent No. 5436169  
; GENERAL INFORMATION:  
; APPLICANT: IOVANNA, JUAN-LUCIO  
; APPLICANT: KEIM, VOLKER  
; APPLICANT: DAGORN, JEAN-CHARLES  
; TITLE OF INVENTION: PROTEIN ASSOCIATED WITH ACUTE  
; TITLE OF INVENTION: PANCREATITIS, AGENTS FOR THE DIAGNOSIS OF ACUTE  
; TITLE OF INVENTION: PANCREATITIS  
; NUMBER OF SEQUENCES: 12  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: OBLON, SPIVAK, MCLELLAND, MAIER & NEUSTADT,  
; ADDRESSEE: P.C.  
; STREET: 1755 Jefferson Davis Highway, Fourth Floor  
; CITY: Arlington  
; STATE: Virginia  
; COUNTRY: U.S.A.  
; ZIP: 22202  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patent in Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/07/778.156  
; FILING DATE: 19911219  
; CLASSIFICATION: 435  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Oblon, No. 5436169man F.  
; REGISTRATION NUMBER: 24,618  
; REFERENCE/DOCKET NUMBER: 354-012-0 PCT  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (703)521-4500  
; TELEFAX: (703)486-2347  
; TELEX: 248855 OPAT UR  
; INFORMATION FOR SEQ ID NO: 7:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 174 amino acids  
; TYPE: AMINO ACID  
; TOPOLOGY: unknown  
; MOLECULE TYPE: protein  
; ORIGINAL SOURCE:  
; ORGANISM: Homo sapiens  
; TISSUE TYPE: pancreas

US-07-778-156-7

Alignment Scores:  
Pred. No.: 1.59e-50 Length: 174  
Score: 485.00 Matches: 81  
Percent Similarity: 77.40% Conservative: 32  
Best Local Similarity: 55.48% Mismatches: 33  
Query Match: 48.84% Indels: 0  
DB: 1 Gaps: 0  
US-09-659-379-4 (1-558) x US-07-778-156-7 (1-174)  
QY 12 GAAGAATCTCAAGAAACCTGCTTCTTACGTATACCTGCTCAAGGCTCTGTAGCC 71  
Db 27 GluGluProGlnArgGluLeuProSerAlaArgIleArgCysProLysGlySerLysala 46  
QY 72 TATGGTCTCTATGCTATCTACTGATTTTGTATACACAGACCTGGTCTAATGCAGAACTA 131  
Db 47 TyrGlySerHisCysTyrAlaLeuPheLeuSerProLysSerTrpThrAspAlaAspLeu 66  
QY 132 TCCTGCCAGATGCATTTCTCAGACACCTGGCATTTCTTCTCAGTACTGGTGAATATACC 191  
Db 67 AlaCysGlnLysArgProSerGlyAsnLeuValSerValLeuSerGlyAlaGluGlySer 86  
QY 192 TTCGTGCTCCTCCCTGTTGAAGACAGATTTGACGGCTACCACTACATCTGATGGACTC 251  
Db 87 PheValSerLeuValLysSerIleGlyAsnSerTyrSerTyrValTrpIleGlyLeu 106  
QY 252 CATGATCCCTCAGATGCTACCTACCAAGCAAGTGGAGTGGAGGAGTTCCTCAAT 311  
Db 107 HisAspProThrGlnGlyThrGluProAsnGlyGluGlyTrpGluTrpSerSerSer 126  
QY 312 GTGCTGACCTTCTATACCTGAGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAG 371  
Db 127 ValMetAsnTyrPheAlaTrpGluArgAsnProSerThrIleSerSerProGlyHisCys 146  
QY 372 GCAGTTTGTCTCAGAAATCAGGTTTTCAGAGTGGAGGAGGAGGAGGAGGAGGAG 431  
Db 147 AlaSerLeuSerArgSerThrAlaPheLeuArgTrpLysAspTyrAsnCysAsnValArg 166  
QY 432 CTTCCTATATCTGCAAA 449  
Db 167 LeuProTyrValCysLys 172

RESULT 11

US-08-822-261-4  
; Sequence 4, Application US/08822261  
; Patent No. 5935813  
; GENERAL INFORMATION:  
; APPLICANT: Hillman, Jennifer L.  
; APPLICANT: Goli, Surya K.  
; TITLE OF INVENTION: NOVEL HUMAN PANCREATITIS-ASSOCIATED  
; TITLE OF INVENTION: PROTEIN  
; NUMBER OF SEQUENCES: 6  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Incyte Pharmaceuticals, Inc.  
; STREET: 3174 Porter Drive  
; CITY: Palo Alto  
; STATE: CA  
; COUNTRY: USA  
; ZIP: 94304  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Diskette  
; COMPUTER: IBM Compatible  
; OPERATING SYSTEM: DOS  
; SOFTWARE: FastSeq for Windows Version 2.0  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/822.261  
; FILING DATE: Filed Herewith  
; CLASSIFICATION: 530  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER:  
; FILING DATE:  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Billings, Lucy J.

REGISTRATION NUMBER: 36,749  
REFERENCE/DOCKET NUMBER: PF-0251 US  
TELEPHONE: 415-855-0555  
TELEFAX: 415-845-4166  
INFORMATION FOR SEQ ID NO: 4:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 174 amino acids  
TYPE: amino acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
IMMEDIATE SOURCE:  
LIBRARY: GenBank  
CLONE: 189601  
US-08-822-261-4

Alignment Scores:  
Pred. No.: 1,59e-50 Length: 174  
Score: 485.00 Matches: 81  
Percent Similarity: 77.40% Conservative: 32  
Best Local Similarity: 55.48% Mismatches: 33  
Query Match: 48.84% Indels: 0  
DB: 2 Gaps: 0

US-09-659-379-4 (1-558) x US-08-822-261-4 (1-174)

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QY 12 GAAGAACTCAAAAGAACTGCTTCTCAGGTATACCTCTCCTCAAGGCTCTGTAGCC 71
DB 27 GluGluProGlnArgGluLeuProSerAlaAlaArgCysProLysGlySerLysAla 46
QY 72 TATGGGCTCTATTGCTACTGATTTTGTATACACAGACCTGGTCTTAATGCAGAACTA 131
DB 47 TyrGlySerHisCysTyrAlaLeuPheLeuSerProLysSerThrThrAspAlaAspLeu 66
QY 132 TCCTGCCAGATGATTTCTCAGGACACCTGGCATTTCTCTCAGTACTGGTGAATATACC 191
DB 67 AlaCysGlnLysArgProSerGlyAsnLeuValSerValLeuSerGlyAlaGluGlySer 86
QY 192 TTCGTGCTCCTCCCTGTGCAAGAACAGTTTGACGGCTACCATCTGCTGATGGAGCTC 251
DB 87 PheValSerSerLeuValLysSerIleGlyAsnSerThrThrValTrpIleGlyLeu 106
QY 252 CATGATCCCTCACATGCTACACTACCCCAAGAGTGGATGGAAGTGGAGAGTGTCCAAAT 311
DB 107 HisAspProThrGlnGlyThrGluProAsnGlyGluGlyTrpGluTrpSerSerAsp 126
QY 312 GTGCTGACCTTCTATAACTGGAGAGAACCCCTCTATTGCTGCTGACCGGTATTGT 371
DB 127 ValMetAsnTyrPheAlaTrpGluArgAsnProSerThrIleSerSerProGlyHisCys 146
QY 372 GCAGTTTGTCTCAGAAATCAGGTTTTCAGAGTGGAGAGATTTAATTGTGAAATGAG 431
DB 147 AlaSerLeuSerArgSerThrAlaPheLeuArgTrpLysAspTyrAsnCysAsnValArg 166
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RESULT 12

US-08-422-166-7  
Sequence 7, Application US/08422166  
Patent No. 5959086

GENERAL INFORMATION:  
APPLICANT: IOVANNA, JUAN-LUCIO  
APPLICANT: KEIM, VOLKER  
APPLICANT: DAGORN, JEAN-CHARLES  
TITLE OF INVENTION: PROTEIN ASSOCIATED WITH ACUTE  
TITLE OF INVENTION: PANCREATITIS, AGENTS FOR THE DIAGNOSIS OF ACUTE  
TITLE OF INVENTION: PANCREATITIS  
NUMBER OF SEQUENCES: 12  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: OBLON, SPIVAK, MCLELLAND, MAIER & NEUSTADT,  
ADDRESSEE: P.C.

STREET: 1755 Jefferson Davis Highway, Fourth Floor  
CITY: Arlington  
STATE: Virginia  
COUNTRY: U.S.A.  
ZIP: 22202  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/422,166  
FILING DATE: 14-APR-1995  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/778,156  
FILING DATE: 19-DEC-1991  
ATTORNEY/AGENT INFORMATION:  
NAME: Oblon, No. 5959086man F.  
REGISTRATION NUMBER: 24,618  
REFERENCE/DOCKET NUMBER: 354-012-0 PCT  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (703)521-4500  
TELEFAX: (703)486-2347  
TELEX: 248855 OPAT UR  
INFORMATION FOR SEQ ID NO: 7:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 174 amino acids  
TYPE: amino acid  
TOPOLOGY: unknown  
MOLECULE TYPE: protein  
ORIGINAL SOURCE:  
ORGANISM: Homo sapiens  
TISSUE TYPE: pancreas  
US-08-422-166-7

Alignment Scores:  
Pred. No.: 1,59e-50 Length: 174  
Score: 485.00 Matches: 81  
Percent Similarity: 77.40% Conservative: 32  
Best Local Similarity: 55.48% Mismatches: 33  
Query Match: 48.84% Indels: 0  
DB: 2 Gaps: 0

US-09-659-379-4 (1-558) x US-08-422-166-7 (1-174)

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QY 72 TATGGGCTCTATTGCTACTGATTTTGTATACACAGACCTGGTCTTAATGCAGAACTA 131
DB 47 TyrGlySerHisCysTyrAlaLeuPheLeuSerProLysSerThrThrAspAlaAspLeu 66
QY 132 TCCTGCCAGATGATTTCTCAGGACACCTGGCATTTCTCTCAGTACTGGTGAATATACC 191
DB 67 AlaCysGlnLysArgProSerGlyAsnLeuValSerValLeuSerGlyAlaGluGlySer 86
QY 192 TTCGTGCTCCTCCCTGTGCAAGAACAGTTTGACGGCTACCATCTGCTGATGGAGCTC 251
DB 87 PheValSerSerLeuValLysSerIleGlyAsnSerThrThrValTrpIleGlyLeu 106
QY 252 CATGATCCCTCACATGCTACACTACCCCAAGAGTGGATGGAAGTGGAGAGTGTCCAAAT 311
DB 107 HisAspProThrGlnGlyThrGluProAsnGlyGluGlyTrpGluTrpSerSerAsp 126
QY 312 GTGCTGACCTTCTATAACTGGAGAGAACCCCTCTATTGCTGCTGACCGGTATTGT 371
DB 127 ValMetAsnTyrPheAlaTrpGluArgAsnProSerThrIleSerSerProGlyHisCys 146
QY 372 GCAGTTTGTCTCAGAAATCAGGTTTTCAGAGTGGAGAGATTTAATTGTGAAATGAG 431
DB 147 AlaSerLeuSerArgSerThrAlaPheLeuArgTrpLysAspTyrAsnCysAsnValArg 166
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QY 432 CTTCCCTATATCTGCAAA 449
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Db 167 LeuProTyrValCysLys 172

RESULT 13
US-08-822-261-1
; Sequence 1, Application US/08822261
; Patent No. 5935813
; GENERAL INFORMATION:
; APPLICANT: Hillman, Jennifer L.
; APPLICANT: Goli, Surya K.
; TITLE OF INVENTION: NOVEL HUMAN PANCREATITIS-ASSOCIATED
; TITLE OF INVENTION: PROTEIN
; NUMBER OF SEQUENCES: 6
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Incyte Pharmaceuticals, Inc.
; STREET: 3174 Porter Drive
; CITY: Palo Alto
; STATE: CA
; COUNTRY: USA
; ZIP: 94304
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/822,261
; FILING DATE: Filed Herewith
; CLASSIFICATION: 530
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Billings, Lucy J.
; REGISTRATION NUMBER: 36,749
; REFERENCE/DOCKET NUMBER: PF-0251 US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-855-0555
; TELEFAX: 415-845-4166
; INFORMATION FOR SEQ ID NO: 1:
; LENGTH: 175 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; IMMEDIATE SOURCE:
; LIBRARY: ISLNOT01
; CLONE: 2072483
US-08-822-261-1

Alignment Scores:
Pred. No.: 1,596-50 Length: 175
Score: 485.00 Matches: 81
Percent Similarity: 77.70% Conservative: 34
Best Local Similarity: 54.73% Mismatches: 33
Query Match: 48.84% Indels: 0
DB: 2 Gaps: 0

US-09-659-379-4 (1-558) x US-08-822-261-1 (1-175)
QY 12 GAAGATCTCAAAAGAACTGCTTTCACGTATAAAGTCTCAAGGCTCTAGCC 71
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Db 27 GluGluThrGlnLysGluLeuProSerProArgIleSerCysProLysGlySerLysAla 46
QY 72 ATGGGTCTCTATGCTATCTACTGATTTGTATACACAGACTGCTCTAATGCAGAACTA 131
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Db 47 TyrGlySerProCysTyrAlaLeuPheLeuSerProLysSerTyrMetAspAlaAspLeu 66
QY 132 TCCTGCCAGATGCATTTCTCAGGACACCTGGCATTTCTTCAGTACTGGTGAATATACC 191
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Db 67 AlaCysGlnLysArgProSerGlyLysLeuValSerValLeuSerGlyAlaGluGlySer 86

QY 192 TTCGTGCTCCTCCCTGTGAAGAACAGTTTGTAGCGCTACCATCATCTGGATTGGACTC 251
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Db 87 PheValSerSerLeuValArgSerIleSerAsnSerTyrSerTyrIleTrpIleGlyLeu 106
QY 252 CATGATCCCTCACATGGTACACTACCAACGGAAGTGGATGGAAGTGGAGCAGTCCCAAT 311
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QY 312 GTGCTGACCTTCTATACTGGGAGAGAACCCCTCTATTGCTGCTGACCGTGGTTATTGT 371
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Db 127 ValMetAsnTyrPheAlaTrpGlnLysAsnProSerThrIleLeuAsnProGlyHisCys 146
QY 372 GCAGTTCCTTCAGAAATCAGGTTTTCAGAGTGGAGAGATTTTAAATGTGAAAATGAG 431
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Db 147 GlySerLeuSerArgSerThrGlyPheLeuLysTrpLysAspTyrAsnCysAspAlaLys 166
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Db 167 LeuProTyrValCysLysPheLys 174

RESULT 14
US-07-778-156-3
; Sequence 3, Application US/07778156
; Patent No. 5436169
; GENERAL INFORMATION:
; APPLICANT: IOVANNA, JUAN-LUCIO
; APPLICANT: KEIM, VOLKER
; APPLICANT: DAGORN, JEAN-CHARLES
; TITLE OF INVENTION: PROTEIN ASSOCIATED WITH ACUTE
; TITLE OF INVENTION: PANCREATITIS, AGENTS FOR THE DIAGNOSIS OF ACUTE
; NUMBER OF SEQUENCES: 12
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: OBLON, SPIVAK, MCLELLAND, MAIER & NEUSTADT,
; ADDRESSEE: P.C.
; STREET: 1755 Jefferson Davis Highway, Fourth Floor
; CITY: Arlington
; STATE: Virginia
; COUNTRY: U.S.A.
; ZIP: 22202
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/778,156
; FILING DATE: 19911219
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Oblon, No. 5436169man F.
; REGISTRATION NUMBER: 24,618
; REFERENCE/DOCKET NUMBER: 354-012-0 PCT
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (703)521-4500
; TELEFAX: (703)486-2347
; TELEX: 248855 OPAT UR
; INFORMATION FOR SEQ ID NO: 3:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 158 amino acids
; TYPE: AMINO ACID
; TOPOLOGY: unknown
; MOLECULE TYPE: protein
; ORIGINAL SOURCE:
; ORGANISM: Homo sapiens
; TISSUE TYPE: pancreas
US-07-778-156-3

Alignment Scores:
Pred. No.: 2,026-50 Length: 158
Score: 484.00 Matches: 81
Percent Similarity: 77.30% Conservative: 28
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Best Local Similarity: 57.45% Mismatches: 32  
Query Match: 48.74% Indels: 0  
DB: 1 Gaps: 0

US-09-659-379-4 (1-558) x US-07-778-156-3 (1-158)

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Db 1 GluAspSerProLysLysIleProSerAlaArgIleSerCysProLysGlySerGlnAla 20  
QY 72 TATGGGTCTATTGCTATCTACTGATTTTGATACACAGACCTGGTCTAATGCAGAACTA 131  
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Db 21 TyrGlySerTyrcysTyralaLeuPheGlnIleProGlnThrTrpPheAspAlaGluLeu 40  
QY 132 TCCTGCCAGATGCATTTCTCAGGACACCTGCCTTCTCAGTACTGGTGGTGAATACC 191  
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Db 41 AlaCysGlnLysArgProGluGlyHisLeuValSerValLeuAsnValAlaGluAlaSer 60  
QY 192 TTCGTGCTCCTCCCTTGTGAAGAACAGTTTGACGGCTACACCTGATCGATTGGACTC 251  
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Db 61 PheLeuAlaSerMetValLysAsnThrGlyAsnSerTyrcysGlnThrTrpIleGlyLeu 80  
QY 252 CATGATCCCTCAGTGTGCTACCTACCTACCGAAGTGGAGTGGAGTGGAGTGGAGTCC 311  
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Db 81 HisAspProThrLeuGlyGlyGluProAsnGlyGlyTrpGluTrpSerAsnAsp 100  
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Db 101 IleMetAsnTyrcysValAsnTrpGluArgAsnProSerThrAlaLeuAspArgGlyPheCys 120  
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Db 121 GlySerLeuSerArgSerGlyPheLeuArgTrpArgAspThrThrCysGluValGlu 140  
QY 432 CTT 434  
Db 141 Val 141

## RESULT 15

US-08-422-166-3

; Sequence 3, Application US/08422166

; Patent No. 5959086

; GENERAL INFORMATION:

; APPLICANT: IOVANNA, JUAN-LUCIO

; APPLICANT: KEIM, VOLKER

; APPLICANT: DAGORN, JEAN-CHARLES

; TITLE OF INVENTION: PROTEIN ASSOCIATED WITH ACUTE

; TITLE OF INVENTION: PANCREATITIS, AGENTS FOR THE DIAGNOSIS OF ACUTE

; NUMBER OF SEQUENCES: 12

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: OBOLON, SPIVAK, MCCLELLAND, MAIER & NEUSTADT,

; ADDRESSEE: P.C.

; STREET: 1755 Jefferson Davis Highway, Fourth Floor

; CITY: Arlington

; STATE: Virginia

; COUNTRY: U.S.A.

; ZIP: 22202

; COMPUTER READABLE FORM:

; MEDIUM TYPE: Floppy disk

; COMPUTER: IBM PC compatible

; OPERATING SYSTEM: PC-DOS/MS-DOS

; SOFTWARE: PatentIn Release #1.0, Version #1.25

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/08/422,166

; FILING DATE: 14-APR-1995

; CLASSIFICATION: 435

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: US 07/778,156

; FILING DATE: 19-DEC-1991

; ATTORNEY/AGENT INFORMATION:

; NAME: Obolon, No. 5959086man F.

; REGISTRATION NUMBER: 24,618

; REFERENCE/DOCKET NUMBER: 354-012-0 PCT

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: (703)521-4500

; TELEFAX: (703)486-2347

; TELEX: 248855 OPAT UR

; INFORMATION FOR SEQ ID NO: 3:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 158 amino acids

; TYPE: amino acid

; TOPOLOGY: unknown

; MOLECULE TYPE: protein

; ORIGINAL SOURCE:

; ORGANISM: Homo sapiens

; TISSUE TYPE: pancreas

; US-08-422-166-3

Alignment Scores:

Pred. No.: 2.02e-50 Length: 158

Score: 484.00 Matches: 81

Percent Similarity: 77.30% Conservative: 28

Best Local Similarity: 57.45% Mismatches: 32

Query Match: 48.74% Indels: 0

DB: 2 Gaps: 0

US-09-659-379-4 (1-558) x US-08-422-166-3 (1-158)

QY 12 GAAGAATCTCAAAAGAACTGCCTTCTCAGGTATAAAGCTCCTCAAGGCTCTGTAGCC 71

Db 1 GluAspSerProLysLysIleProSerAlaArgIleSerCysProLysGlySerGlnAla 20

QY 72 TATGGGTCTATTGCTATCTACTGATTTTGATACACAGACCTGGTCTAATGCAGAACTA 131

Db 21 TyrGlySerTyrcysTyralaLeuPheGlnIleProGlnThrTrpPheAspAlaGluLeu 40

QY 132 TCCTGCCAGATGCATTTCTCAGGACACCTGGCATTCTTCTCAGTACTGGTGAATACC 191

Db 41 AlaCysGlnLysArgProGluGlyHisLeuValSerValLeuAsnValAlaGluAlaSer 60

QY 192 TTCGTGCTCCTCCCTTGTGAAGAACAGTTTGACGGCTACACCTGATCGATTGGACTC 251

Db 61 PheLeuAlaSerMetValLysAsnThrGlyAsnSerTyrcysGlnThrTrpIleGlyLeu 80

QY 252 CATGATCCCTCAGTGTGCTACCTACCTACCGAAGTGGAGTGGAGTGGAGTGGAGTCC 311

Db 81 HisAspProThrLeuGlyGlyGluProAsnGlyGlyTrpGluTrpSerAsnAsp 100

QY 312 GTGCTGACCTCTATAAAGTGGAGAGAACCCCTCTATTGCTGCTGACCGTGGTATTGT 371

Db 101 IleMetAsnTyrcysValAsnTrpGluArgAsnProSerThrAlaLeuAspArgGlyPheCys 120

QY 372 GCAGTTTGTCTCAGAAATCAGGTTTTCAGAGTGGAGAGATTTTAATGTGAAATGAG 431

Db 121 GlySerLeuSerArgSerGlyPheLeuArgTrpArgAspThrThrCysGluValGlu 140

QY 432 CTT 434

Db 141 Val 141

Search completed: February 13, 2003, 22:34:39

Job time : 16 secs

GenCore version 5.1.3  
Copyright (c) 1993 - 2003 Compugen Ltd.

# OM nucleic - protein search, using frame\_plus\_n2p model

Run on: February 13, 2003, 22:28:15 ; Search time 11.5 Seconds  
(without alignments)  
2479.352 Million cell updates/sec

Title: US-09-659-379-4

Perfect score: 993

Sequence: 1 CCGCGGATCCGAGAAATCT.....GAAGAGCACTGAGCCGGTC 558

Scoring table: BLOSUM62

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Ygapop 10.0 , Ygapext 0.5  
Fgapop 6.0 , Fgapext 7.0  
Delop 6.0 , Delext 7.0

Searched: 140259 seqs, 25548876 residues

Total number of hits satisfying chosen parameters: 280518

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Command line parameters:

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-DB=PublishedApplications\_AA -QMT=fastan -SUFFIX=rapb -MINMATCH=0.1  
-LOOPEL=0 -LOOPEXT=0 -UNITS=bits -START=1 -END=1 -MATRIX=blosum62  
-TRANS=human40.cdi -LIST=45 -DOCALIGN=200 -THR\_SCORE=pct -THR\_MAX=100  
-THR\_MIN=0 -ALIGN=15 -MODE=LOCAL -OUTMT=pt0 -NORM=ext -HEAPSIZE=500 -MINLEN=0  
-MAXLEN=200000000 -USER=US09659379 -cgn1\_1.6 -runat\_12022003\_150619\_29503  
-NCPU=6 -ICPU=3 -NO\_XLPXY -NO\_MMAP -LARGEQUERY -NEG\_SCORES=0 -WAIT -LONGLOG  
-DEV\_TIMEOUT=120 -WARN\_TIMEOUT=30 -THREADS=1 -XGAPOP=10 -XGAPEXT=0.5 -FGAPOP=6  
-FGAPEXT=7 -YGAPOP=10 -YGAPEXT=0.5 -DELOP=6 -DELEXT=7

Database : PublishedApplications\_AA.\*

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14: /cgn2\_6/ptodata/1/pubpaa/US60\_PUBCOMB pep.\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

## SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
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2	485	48.8	175	9	US-09-978-295A-452
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4	485	48.8	175	9	US-09-978-192A-452

5	485	48.8	175	9	US-09-999-832A-452	Sequence 452, App
6	485	48.8	175	9	US-09-978-189-452	Sequence 452, App
7	485	48.8	175	9	US-10-174-590-424	Sequence 424, App
8	485	48.8	175	9	US-10-176-758-424	Sequence 424, App
9	485	48.8	175	9	US-10-175-737-424	Sequence 424, App
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11	485	48.8	175	9	US-10-175-738-424	Sequence 424, App
12	485	48.8	175	9	US-10-175-752-424	Sequence 424, App
13	485	48.8	175	9	US-10-176-482-424	Sequence 424, App
14	485	48.8	175	9	US-10-176-757-424	Sequence 424, App
15	485	48.8	175	9	US-10-176-913-424	Sequence 424, App
16	485	48.8	175	9	US-10-180-552-424	Sequence 424, App
17	485	48.8	175	9	US-10-180-557-424	Sequence 424, App
18	485	48.8	175	9	US-10-173-700-424	Sequence 424, App
19	485	48.8	175	9	US-10-174-572-424	Sequence 424, App
20	485	48.8	175	9	US-10-174-579-424	Sequence 424, App
21	485	48.8	175	9	US-10-174-582-424	Sequence 424, App
22	485	48.8	175	9	US-10-174-588-424	Sequence 424, App
23	485	48.8	175	9	US-10-175-739-424	Sequence 424, App
24	485	48.8	175	9	US-10-175-740-424	Sequence 424, App
25	485	48.8	175	9	US-10-175-743-424	Sequence 424, App
26	485	48.8	175	9	US-10-176-488-424	Sequence 424, App
27	485	48.8	175	9	US-10-176-492-424	Sequence 424, App
28	485	48.8	175	9	US-10-176-747-424	Sequence 424, App
29	485	48.8	175	9	US-10-176-750-424	Sequence 424, App
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31	485	48.8	175	9	US-10-176-987-424	Sequence 424, App
32	485	48.8	175	9	US-10-176-991-424	Sequence 424, App
33	485	48.8	175	9	US-10-176-992-424	Sequence 424, App
34	485	48.8	175	9	US-10-176-993-424	Sequence 424, App
35	485	48.8	175	9	US-10-184-658-424	Sequence 424, App
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37	360.5	36.3	174	10	US-09-925-297-753	Sequence 753, App
38	333.5	33.6	174	10	US-09-925-301-1182	Sequence 1182, App
39	186.5	18.8	158	9	US-10-025-380-1070	Sequence 1070, App
40	186.5	18.8	158	9	US-10-025-380-1077	Sequence 1077, App
41	186.5	18.8	158	9	US-10-025-380-1078	Sequence 1078, App
42	186.5	18.8	158	9	US-10-025-380-1079	Sequence 1079, App
43	186.5	18.8	158	9	US-10-025-380-1080	Sequence 1080, App
44	186.5	18.8	158	10	US-09-922-217-1070	Sequence 1070, App
45	186.5	18.8	158	10	US-09-922-217-1077	Sequence 1077, App

## ALIGNMENTS

RESULT 1  
US-09-925-301-1013  
; Sequence 1013, Application US/0925301  
; Patent No. US20020052308A1  
; GENERAL INFORMATION:  
; APPLICANT: Rosen et al.  
; TITLE OF INVENTION: Nucleic Acids, Proteins and Antibodies  
; FILE REFERENCE: PAL06  
; CURRENT APPLICATION NUMBER: US/09/925, 301  
; PRIOR FILING DATE: 2001-08-10  
; PRIOR APPLICATION NUMBER: PCT/US00/05882  
; PRIOR FILING DATE: 2000-03-08  
; PRIOR APPLICATION NUMBER: 60/124, 270  
; PRIOR FILING DATE: 1999-03-12  
; NUMBER OF SEQ ID NOS: 1694  
; SOFTWARE: PatentIn Ver. 2.0  
; SEQ ID NO 1013  
; LENGTH: 183  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
US-09-925-301-1013

Alignment Scores:  
Pred. No.: 4.74e-49 Length: 183  
Score: 491.00 Matches: 82  
Percent Similarity: 77.5% Conservative: 32  
Best Local Similarity: 55.78% Mismatches: 33  
Query Match: 49.45% Indels: 0

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Db 75 AlaCysGlnLysArgProSerGlyAsnLeuValSerValLeuSerGlyAlaGluGlySer 94
QY 192 TTCGTGCTCCTCCCTGTCGAAGACAGTTTGACGGCTACCAAGTACATCTGGATGGACTC 251
    ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Db 95 PheValSerSerLeuValLysSerIleGlyAsnSerTyrSerTyrValTrpIleGlyLeu 114
QY 252 CATGATCCTCATCATGGTACACTACCCACGGAAGTGGAGTGGAGGAGTTCCCAAT 311
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Db 115 HisaspProThrGluGlyThrGluProasnGlyGluGlyTrpGluTrpSerSerasp 134
QY 312 GTGCTGACCTTCTATACTGGGAGAGAACCCCTCTATTGCTGCTGACCGTGTATTGT 371
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RESULT 2
US-09-978-295A-452
; Sequence 452, Application US/09978295A
; Patent No. US20020156006A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnovers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
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; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Wood, William I.
; APPLICANT: Williams, P. Mickey
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630P1C11
; CURRENT APPLICATION NUMBER: US/09/978, 295A
; CURRENT FILING DATE: 2001-10-15
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; PRIOR APPLICATION NUMBER: 60/085704  
; PRIOR FILING DATE: 1998-05-15  
; PRIOR APPLICATION NUMBER: 60/085697

Alignment Scores:  
Pred. No.: 2,34e-48 Length: 175  
Score: 485.00 Matches: 81  
Percent Similarity: 77.70% Conservative: 34  
Best Local Similarity: 54.73% Mismatches: 33  
Query Match: 48.84% Indels: 0  
DB: 9 Gaps: 0

US-09-659-379-4 (1-558) x US-09-978-295A-452 (1-175)

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Db 47 TyrGlySerProCysTyrAlaLeuPheLeuSerProLysSerTrpMetAspAlaAspLeu 66  
QY 132 TCCTGCCAGATGCATTCTCAGGACACCTGGCATTCTTCTCAGTACTGGTGAATATACC 191  
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QY 192 TTCGTGCTCCTCCTTGTGAAGAACAGTTTGACGGCTACACGTACATCTGGATTGGACTC 251  
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QY 372 GCAGTTCCTTCAGAAATCAGTTCAGAACTGGAGAGATTTTAATTTGCTGAAAATGAG 431  
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Db 167 LeuProTyrValCysLysPheLys 174

RESULT 3  
US-09-978-697-452  
; Sequence 452, Application US/09978697  
; Patent No. US20020169284A1  
; GENERAL INFORMATION:  
; APPLICANT: Ashkenazi, Avi  
; APPLICANT: Baker Kevin P.  
; APPLICANT: Botstein, David  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Eaton, Dan  
; APPLICANT: Ferrara, Napoleon

APPLICANT: Filvaroff, Ellen  
APPLICANT: Fong, Sherman  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Gerber, Hanspeter  
APPLICANT: Gerritsen, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Grimaldi, J. Christopher  
APPLICANT: Guney, Austin L.  
APPLICANT: Hillan, Kenneth J.  
APPLICANT: Kljavin, Ivar J.  
APPLICANT: Kuo, Sophia S.  
APPLICANT: Napier, Mary A.  
APPLICANT: Pan, James  
APPLICANT: Paoni, Nicholas F.  
APPLICANT: Roy, Margaret Ann  
APPLICANT: Shelton, David L.  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Williams, P. Mickey  
APPLICANT: Wood, William I.  
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
TITLE OF INVENTION: Acids Encoding the Same  
FILE REFERENCE: P2630PIC27  
CURRENT APPLICATION NUMBER: US/09/378,697  
CURRENT FILING DATE: 2001-10-16  
PRIOR APPLICATION NUMBER: 09/918585  
PRIOR FILING DATE: 2001-07-30  
PRIOR APPLICATION NUMBER: 60/062250  
PRIOR FILING DATE: 1997-10-17  
PRIOR APPLICATION NUMBER: 60/064249  
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;; PRIOR FILING DATE: 1998-05-15  
;; PRIOR APPLICATION NUMBER: 60/085697

Alignment Scores:

Pred. No.: 2,348-48 Length: 175  
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Best Local Similarity: 54.73% Mismatches: 33  
Query Match: 48.84% Indels: 0  
DB: 9 Gaps: 0

US-09-659-379-4 (1-558) x US-09-978-697-452 (1-175)

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Db 167 LeuProTyrValCysLysPheLys 174

RESULT 4

US-09-978-192A-452  
; Sequence 452, Application US/09978192A  
; Patent No. US2002017553A1  
; GENERAL INFORMATION:

; APPLICANT: Ashkenazi, Avi  
; APPLICANT: Baker Kevin P.  
; APPLICANT: Botstein, David  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Eaton, Dan  
; APPLICANT: Ferrara, Napoleon  
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; APPLICANT: Napier, Mary A.  
; APPLICANT: Pan, James  
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; APPLICANT: Roy, Margaret Ann  
; APPLICANT: Shelton, David L.  
; APPLICANT: Stewart, Timothy A.  
; APPLICANT: Tumas, Daniel  
; APPLICANT: Williams, P. Mickey  
; APPLICANT: Wood, William I.  
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
; FILE REFERENCE: P2630PIC9  
; CURRENT APPLICATION NUMBER: US/09/978,192A  
; CURRENT FILING DATE: 2001-10-15  
; PRIOR APPLICATION NUMBER: 09/918585  
; PRIOR FILING DATE: 2001-07-30  
; PRIOR APPLICATION NUMBER: 60/062250  
; PRIOR FILING DATE: 1997-10-17  
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; PRIOR FILING DATE: 1998-03-12  
; PRIOR APPLICATION NUMBER: 60/078004

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Alignment Scores:

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Pred. No.: 2.34e-48 Length: 175
Score: 485.00 Matches: 81
Percent Similarity: 77.70% Conservative: 34
Best Local Similarity: 54.73% Mismatches: 33
Query Match: 48.84% Indels: 0
DB: 9 Gaps: 0

US-09-659-379-4 (1-558) x US-09-978-192A-452 (1-175)

QY 12 GAAGATCTCAAAAGAACTGCTTTCACGTATACCTGCTCCCAAGGCTCTGTAGCC 71
D 12 |||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||
D 27 GUGluthrGlnLysIleuProSerProArgIleSerCysProLysGlySerLysAla 46
QY 72 TATGGTCTCTTACTGATTTTATGACACACAGACCTGGTCTAATGCAGAACTA 131
D 72 |||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||
D 47 TyrGlySerProCysTyrAlaLeuPheLeuSerProLysSerTrpMetAspAlaSerLeu 66
QY 132 TCCTGCCAGATCTTCACAGACACCTGGGATTTCTTCAGTACTCGTGAATATAC 191
D 132 |||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||
D 67 AlaCysGlnLysArgProSerGlyLysLeuValSerValLeuSerGlyAlaGluGlySer 86
QY 192 TTCGTGCTCTCTGCTGAGAACAGTTTGACGGCTTACACGTACATCTGGATTGGACTC 251
D 192 |||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||
D 87 PheValSerSerLeuValArgSerIleSerAsnSerTyrSerTyrIleTrpIleGlyLeu 106
QY 252 CATGATCCCTCATGTTACACTACCCAAACGGAAGTGGAGAGTGGACAGTCCCAAT 311
D 252 |||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||
D 107 HisAspProThrGlnGlySerGluProAspGlyAspGlyTrpGluTrpSerSerThrAsp 126
QY 312 GTGCTACCTTCTATACCTGGAGAGAACCCCTCTATTGCTGCTGACCGTGGTATTGT 371
D 312 |||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||
D 127 ValMetAsnTyrPheAlaTrpGluLysAsnProSerThrIleLeuAsnProGlyHisCys 146
QY 372 GCAGTTTTCGTCAGAAATCAGGTTTTCAGAACTGAGAGATTTTAATCTGAAATGAG 431
D 372 |||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||
D 147 GlySerLeuSerArgSerThrGlyPheLeuLysTrpLysAspTyrAsnCysAspAlaLys 166
QY 432 CTTCCCTATATCTGCAAAATCAAG 455
D 432 |||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||
D 167 LeuProTyrValCysLysPheLys 174

RESULT 5
US-09-999-832A-452
; Sequence 452, Application US/09999832A
; Publication No. US20020192706A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kijavlin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
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; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2630PIC63
; CURRENT APPLICATION NUMBER: US/09/999,832A
; CURRENT FILING DATE: 2001-10-24
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
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; PRIOR APPLICATION NUMBER: 60/085704  
; PRIOR FILING DATE: 1998-05-15  
; PRIOR APPLICATION NUMBER: 60/085697  
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Score: 485.00 Matches: 81  
Percent Similarity: 77.70% Conservative: 34  
Best Local Similarity: 54.73% Mismatches: 33  
Query Match: 48.84% Indels: 0  
DB: Gaps: 0  
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Db 47 TyrGlySerProCysTyrAlaLeuPheLeuSerProLysSerTrpMetAspAlaAspLeu 66  
Qy 132 TCCTGCCAGATGCATTTCTCAGACACCTGGCATTTCTTCAGTACTGCTGGTGAATACC 191  
Db 67 AlacysGlnLysArgProSerGlyLysLeuValSerValLeuSerGlyAlaGluGlySer 86  
Qy 192 TTCGTGCTCCTCCCTTGTAAGAACAGTTTGACGGCCTACACAGTACATCTGGATTGGACTC 251  
Db 87 PheValSerSerLeuValArgSerIleSerAsnSerTyrSerTyrIleTrpIleGlyLeu 106  
Qy 252 CATGATCCCTCACATGGTACACTACCCACGAAAGTGGATGGAAGTGGAGCAGTTCCAAT 311  
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Qy 312 GTGCTGACCTTCTATACTGGGAGAGAACCCCTCTATTGCTGCTGACCCGCTGTTATGT 371  
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Qy 372 GCAGTTTGTCTCAAAATCAGGTTTTCAGAGTGGAGAGATTTTAAATGTGAAATGAG 431  
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Qy 432 CTTCCCTATATCTCAAAATTCAG 455  
Db 167 LeuProTyrValCysLysPheLys 174  
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; Sequence 452, Application US/09978189  
; Publication No. US20030004102A1  
; GENERAL INFORMATION:  
; APPLICANT: Ashkenazi, Avi

APPLICANT: Baker Kevin P.  
APPLICANT: Botstein, David  
APPLICANT: Desnoyers, Luc  
APPLICANT: Eaton, Dan  
APPLICANT: Ferrara, Napoleon  
APPLICANT: Filvaroff, Ellen  
APPLICANT: Fong, Sherman  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Gerber, Hanspeter  
APPLICANT: Gerritsen, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Grimaldi, J. Christopher  
APPLICANT: Gurney, Austin L.  
APPLICANT: Hillan, Kenneth J.  
APPLICANT: Kljavin, Ivar J.  
APPLICANT: Kuo, Sophia S.  
APPLICANT: Napier, Mary A.  
APPLICANT: Pan, James  
APPLICANT: Paoni, Nicholas F.  
APPLICANT: Roy, Margaret Ann  
APPLICANT: Shelton, David L.  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Williams, P. Mickey  
APPLICANT: Wood, William I.  
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
TITLE OF INVENTION: Acids Encoding the Same  
FILE REFERENCE: P2630PLC7  
CURRENT APPLICATION NUMBER: US/09/978,189  
CURRENT FILING DATE: 2001-10-15  
PRIOR APPLICATION NUMBER: 09/918585  
PRIOR FILING DATE: 2001-07-30  
PRIOR APPLICATION NUMBER: 60/062250  
PRIOR FILING DATE: 1997-10-17  
PRIOR APPLICATION NUMBER: 60/064249  
PRIOR FILING DATE: 1997-11-03  
PRIOR APPLICATION NUMBER: 60/065311  
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PRIOR APPLICATION NUMBER: 60/066364  
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PRIOR FILING DATE: 1998-03-31  
PRIOR APPLICATION NUMBER: 60/080194  
PRIOR FILING DATE: 1998-03-31  
PRIOR APPLICATION NUMBER: 60/080327  
PRIOR FILING DATE: 1998-04-01  
PRIOR APPLICATION NUMBER: 60/080328  
PRIOR FILING DATE: 1998-04-01  
PRIOR APPLICATION NUMBER: 60/080333  
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PRIOR APPLICATION NUMBER: 60/080334  
PRIOR FILING DATE: 1998-04-01  
PRIOR APPLICATION NUMBER: 60/081070  
PRIOR FILING DATE: 1998-04-08  
PRIOR APPLICATION NUMBER: 60/081049  
PRIOR FILING DATE: 1998-04-08  
PRIOR APPLICATION NUMBER: 60/081071  
PRIOR FILING DATE: 1998-04-08  
PRIOR APPLICATION NUMBER: 60/081195  
PRIOR FILING DATE: 1998-04-08  
PRIOR APPLICATION NUMBER: 60/081203  
PRIOR FILING DATE: 1998-04-09  
PRIOR APPLICATION NUMBER: 60/081229  
PRIOR FILING DATE: 1998-04-09  
PRIOR APPLICATION NUMBER: 60/081955  
PRIOR FILING DATE: 1998-04-15  
PRIOR APPLICATION NUMBER: 60/081817  
PRIOR FILING DATE: 1998-04-15  
PRIOR APPLICATION NUMBER: 60/081819  
PRIOR FILING DATE: 1998-04-15  
PRIOR APPLICATION NUMBER: 60/081952  
PRIOR FILING DATE: 1998-04-15  
PRIOR APPLICATION NUMBER: 60/081838  
PRIOR FILING DATE: 1998-04-15  
PRIOR APPLICATION NUMBER: 60/082568  
PRIOR FILING DATE: 1998-04-21  
PRIOR APPLICATION NUMBER: 60/082569  
PRIOR FILING DATE: 1998-04-21  
PRIOR APPLICATION NUMBER: 60/082704  
PRIOR FILING DATE: 1998-04-22  
PRIOR APPLICATION NUMBER: 60/082804  
PRIOR FILING DATE: 1998-04-22  
PRIOR APPLICATION NUMBER: 60/082700  
PRIOR FILING DATE: 1998-04-22  
PRIOR APPLICATION NUMBER: 60/082797  
PRIOR FILING DATE: 1998-04-22  
PRIOR APPLICATION NUMBER: 60/082796  
PRIOR FILING DATE: 1998-04-23  
PRIOR APPLICATION NUMBER: 60/083336  
PRIOR FILING DATE: 1998-04-27  
PRIOR APPLICATION NUMBER: 60/083322  
PRIOR FILING DATE: 1998-04-28  
PRIOR APPLICATION NUMBER: 60/083392  
PRIOR FILING DATE: 1998-04-29  
PRIOR APPLICATION NUMBER: 60/083495  
PRIOR FILING DATE: 1998-04-29  
PRIOR APPLICATION NUMBER: 60/083496  
PRIOR FILING DATE: 1998-04-29  
PRIOR APPLICATION NUMBER: 60/083499  
PRIOR FILING DATE: 1998-04-29  
PRIOR APPLICATION NUMBER: 60/083545  
PRIOR FILING DATE: 1998-04-29  
PRIOR APPLICATION NUMBER: 60/083554

; PRIOR FILING DATE: 1998-04-29  
 ; PRIOR APPLICATION NUMBER: 60/083558  
 ; PRIOR FILING DATE: 1998-04-29  
 ; PRIOR APPLICATION NUMBER: 60/083559  
 ; PRIOR FILING DATE: 1998-04-29  
 ; PRIOR APPLICATION NUMBER: 60/083500  
 ; PRIOR FILING DATE: 1998-04-29  
 ; PRIOR APPLICATION NUMBER: 60/083742  
 ; PRIOR FILING DATE: 1998-04-30  
 ; PRIOR APPLICATION NUMBER: 60/084366  
 ; PRIOR FILING DATE: 1998-05-05  
 ; PRIOR APPLICATION NUMBER: 60/084414  
 ; PRIOR FILING DATE: 1998-05-06  
 ; PRIOR APPLICATION NUMBER: 60/084441  
 ; PRIOR FILING DATE: 1998-05-06  
 ; PRIOR APPLICATION NUMBER: 60/084637  
 ; PRIOR FILING DATE: 1998-05-07  
 ; PRIOR APPLICATION NUMBER: 60/084639  
 ; PRIOR FILING DATE: 1998-05-07  
 ; PRIOR APPLICATION NUMBER: 60/084640  
 ; PRIOR FILING DATE: 1998-05-07  
 ; PRIOR APPLICATION NUMBER: 60/084598  
 ; PRIOR FILING DATE: 1998-05-07  
 ; PRIOR APPLICATION NUMBER: 60/084600  
 ; PRIOR FILING DATE: 1998-05-07  
 ; PRIOR APPLICATION NUMBER: 60/084627  
 ; PRIOR FILING DATE: 1998-05-07  
 ; PRIOR APPLICATION NUMBER: 60/084643  
 ; PRIOR FILING DATE: 1998-05-07  
 ; PRIOR APPLICATION NUMBER: 60/085339  
 ; PRIOR FILING DATE: 1998-05-13  
 ; PRIOR APPLICATION NUMBER: 60/085338  
 ; PRIOR FILING DATE: 1998-05-13  
 ; PRIOR APPLICATION NUMBER: 60/085323  
 ; PRIOR FILING DATE: 1998-05-13  
 ; PRIOR APPLICATION NUMBER: 60/085582  
 ; PRIOR FILING DATE: 1998-05-15  
 ; PRIOR APPLICATION NUMBER: 60/085700  
 ; PRIOR FILING DATE: 1998-05-15  
 ; PRIOR APPLICATION NUMBER: 60/085689  
 ; PRIOR FILING DATE: 1998-05-15  
 ; PRIOR APPLICATION NUMBER: 60/085579  
 ; PRIOR FILING DATE: 1998-05-15  
 ; PRIOR APPLICATION NUMBER: 60/085580  
 ; PRIOR FILING DATE: 1998-05-15  
 ; PRIOR APPLICATION NUMBER: 60/085573  
 ; PRIOR FILING DATE: 1998-05-15  
 ; PRIOR APPLICATION NUMBER: 60/085704  
 ; PRIOR FILING DATE: 1998-05-15  
 ; PRIOR APPLICATION NUMBER: 60/085697

Alignment Scores:  
 Pred. No.: 2.34e-48 Length: 175  
 Score: 485.00 Matches: 81  
 Percent Similarity: 77.70% Conservative: 34  
 Best Local Similarity: 54.73% Mismatches: 33  
 Query Match: 48.84% Indels: 0  
 DB: Gaps: 0

US-09-659-379-4 (1-558) x US-09-978-189-452 (1-175)

Qy 12 GAAGAATCTCAAGAACTGCTTCTCAGGTATACCTGCTCAAGGCTCTGTAGCC 71  
 Db 27 GluGluThrGlnLysGluLeuProSerProArgLysSerProLysGlySerLysala 46  
 Qy 72 TATGGGTCTATTGCTATCTACTGATTTTGTATACACAGACCTGGTCTTAATGCAGAACTA 131  
 Db 47 TyrGlySerProCysTyrAlaLeuPheLeuSerProLysSerTrpMetAspAlaAspLeu 66  
 Qy 132 TCCTGCCAGATGCATTTCTCAGGACACCTGGCATTTCTCTCAGTACTGGTGAATATACC 191  
 Db 67 AlaCysGlnLysArgProSerGlyLysLeuValSerValLeuSerGlyAlaGluGlySer 86

Qy 192 TTCGTGCTCCCTCCCTGTGAAGAACAGTTTGACGGCCCTACAGTACATCTGGATTGGACTC 251  
 Db 87 PheValSerSerLeuValArgSerFileSerAsnSerTyrSerTyrIleTrpIleGlyLeu 106  
 Qy 252 CATCATCCCTCACATGCTACACTACCCACGGAAGTGGAGGAGTGGAGCAGTTCCAAT 311  
 Db 107 HisAspProThrGlnGlySerGluProAspGlyAspGlyTrpGluTrpSerSerThrAsp 126  
 Qy 312 GTGCTGACCTTCTATAACTGGGAGAGAACCCCTCTATTGCTGCTGACCGTGGTTATTGT 371  
 Db 127 ValMetAsnTyrPheAlaTrpGluLysAsnProSerThrIleLeuAsnProGlyHisCys 146  
 Qy 372 GCAGTTTGTCTCAAAATCAGGTTTTCAGAAAGTGGAGAGATTTAATGTGAAAATGAG 431  
 Db 147 GlySerLeuSerArgSerThrGlyPheLeuLysTrpLysAspTyrAsnCysAspAlaLys 166  
 Qy 432 CTTCCTTATATCTCAAAATCAAG 455  
 Db 167 LeuProTyrValCysLysPheLys 174

# RESULT 7

US-10-174-590-424  
 ; Sequence 424, Application US/10174590  
 ; Publication No. US20030008352A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Baker, Kevin P.  
 ; APPLICANT: Chen, Jian  
 ; APPLICANT: Desnoyers, Luc  
 ; APPLICANT: Goddard, Audrey  
 ; APPLICANT: Godowski, Paul J.  
 ; APPLICANT: Gurney, Austin L.  
 ; APPLICANT: Pan, James  
 ; APPLICANT: Smith, Victoria  
 ; APPLICANT: Watanabe, Colin K.  
 ; APPLICANT: Wood, William I.  
 ; APPLICANT: Zhang, Zemin  
 ; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
 ; FILE OF INVENTION: ACIDS ENCODING THE SAME  
 ; FILE REFERENCE: P3430R1C42  
 ; CURRENT APPLICATION NUMBER: US/10/174,590  
 ; CURRENT FILING DATE: 2002-06-18  
 ; Prior application removed - See File Wrapper or Palm  
 ; NUMBER OF SEQ ID NOS: 612  
 ; SEQ ID NO 424  
 ; LENGTH: 175  
 ; TYPE: PRT  
 ; ORGANISM: Homo Sapien  
 US-10-174-590-424

Alignment Scores:  
 Pred. No.: 2.34e-48 Length: 175  
 Score: 485.00 Matches: 81  
 Percent Similarity: 77.70% Conservative: 34  
 Best Local Similarity: 54.73% Mismatches: 33  
 Query Match: 48.84% Indels: 0  
 DB: Gaps: 0  
 US-09-659-379-4 (1-558) x US-10-174-590-424 (1-175)

Qy 12 GAAGAATCTCAAGAACTGCTTCTCAGGTATACCTGCTCAAGGCTCTGTAGCC 71  
 Db 27 GluGluThrGlnLysGluLeuProSerProArgLysSerProLysGlySerLysala 46  
 Qy 72 TATGGGTCTATTGCTATCTACTGATTTTGTATACACAGACCTGGTCTTAATGCAGAACTA 131  
 Db 47 TyrGlySerProCysTyrAlaLeuPheLeuSerProLysSerTrpMetAspAlaAspLeu 66  
 Qy 132 TCCTGCCAGATGCATTTCTCAGGACACCTGGCATTTCTCTCAGTACTGGTGAATATACC 191  
 Db 67 AlaCysGlnLysArgProSerGlyLysLeuValSerValLeuSerGlyAlaGluGlySer 86  
 Qy 192 TTCGTGCTCCCTCCCTGTGAAGAACAGTTTGACGGCCCTACAGTACATCTGGATTGGACTC 251



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Db 87 PheValSerSerLeuValArgSerIleSerAsnSerTyrSerTyrIleTrpIleGlyLeu 106
Qy 252 CATGATCCCTCACATGGTACACTACCCAAACGGAAGTGATGGAAGTGGAGCAGTTCCAAT 311
Db 107 HisAspProThrGlnGlySerGluProAspGlyAspGlyTrpGluTrpSerSerThrAsp 126
Qy 312 GTGCTGACCTTCTATACTGGGAGAGAACCCCTCTATTGCTGCTGACCGTGGTTATTGT 371
Db 127 ValMetAsnTyrPheAlaTrpGluLysAsnProSerThrIleLeuAsnProGlyHisCys 146
Qy 372 GCAGTTTGTCTCGAATAATCAGGTTTTCAGAAAGTGGAGAGATTTTAATTGTGAAATGAG 431
Db 147 GlySerLeuSerArgSerThrGlyPheLeuLysTrpLysAspTyrAsnCysAspAlaLys 166
Qy 432 CTTCCTATATCTGCAATTCAG 455
Db 167 LeuProTyrValCysLysPheLys 174
RESULT 8
US-10-176-758-424
; Sequence 424, Application US/10176758
; Publication No. US20030008353A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Chen, Jian
; APPLICANT: Desnoyers, Luc
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Pan, James
; APPLICANT: Smith, Victoria
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Wood, William I.
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3430R1C104
; CURRENT APPLICATION NUMBER: US/10/176,758
; CURRENT FILING DATE: 2002-06-21
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 612
; SEQ ID NO 424
; LENGTH: 175
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-176-758-424
Alignment Scores:
Pred. No.: 2.34e-48 Length: 175
Score: 485.00 Matches: 81
Percent Similarity: 77.70% Conservative: 34
Best Local Similarity: 54.73% Mismatches: 33
Query Match: 48.84% Indels: 0
DB: 9 Gaps: 0
US-09-659-379-4 (1-558) x US-10-176-758-424 (1-175)
Qy 12 GAAGAATCTCAAAAGAACTGCCTTCTACGTATACCTGCTCCTCAGGCTCTGTAGCC 71
Db 27 GluGluThrGlnLysGluLeuProSerProArgIleSerCysProLysGlySerLysAla 46
Qy 72 TATGGGTCCTATTGCTATTACTGATTTTATACACAGACCTGGTCTAATGCAAGACTA 131
Db 47 TyrGlySerProCysTyrAlaLeuPheLeuSerProLysSerTrpMetAspAlaAspLeu 66
Qy 132 TCCTGCCAGATGCATTTCTCAGACACCTGGCATTTCTTCACGTACTGTTGAATTAACC 191
Db 67 AlaCysGlnLysArgProSerGlyLysLeuValSerValLeuSerGlyAlaGluGlySer 86
Qy 192 TTCGTGTCCTCCCTGTGCAAGAACAGTTTGACGGCCTACCACTGATCTGGATTGGACTC 251
Db 87 PheValSerSerLeuValArgSerIleSerAsnSerTyrSerTyrIleTrpIleGlyLeu 106
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Qy 252 CATGATCCCTCACATGGTACACTACCCAAACGGAAGTGGATGGAAGTGGAGCAGTTCCAAT 311
Db 107 HisAspProThrGlnGlySerGluProAspGlyAspGlyTrpGluTrpSerSerThrAsp 126
Qy 312 GTGCTGACCTTCTATACTGGGAGAGAACCCCTCTATTGCTGCTGACCGTGGTTATTGT 371
Db 127 ValMetAsnTyrPheAlaTrpGluLysAsnProSerThrIleLeuAsnProGlyHisCys 146
Qy 372 GCAGTTTGTCTCGAATAATCAGGTTTTCAGAAAGTGGAGAGATTTTAATTGTGAAATGAG 431
Db 147 GlySerLeuSerArgSerThrGlyPheLeuLysTrpLysAspTyrAsnCysAspAlaLys 166
Qy 432 CTTCCTATATCTGCAATTCAG 455
Db 167 LeuProTyrValCysLysPheLys 174
RESULT 9
US-10-175-737-424
; Sequence 424, Application US/10175737
; Publication No. US20030013153A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Chen, Jian
; APPLICANT: Desnoyers, Luc
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Pan, James
; APPLICANT: Smith, Victoria
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Wood, William I.
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3430R1C50
; CURRENT APPLICATION NUMBER: US/10/175,737
; CURRENT FILING DATE: 2002-06-19
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 612
; SEQ ID NO 424
; LENGTH: 175
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-175-737-424
Alignment Scores:
Pred. No.: 2.34e-48 Length: 175
Score: 485.00 Matches: 81
Percent Similarity: 77.70% Conservative: 34
Best Local Similarity: 54.73% Mismatches: 33
Query Match: 48.84% Indels: 0
DB: 9 Gaps: 0
US-09-659-379-4 (1-558) x US-10-175-737-424 (1-175)
Qy 12 GAAGAATCTCAAAAGAACTGCCTTCTACGTATACCTGCTCCTCAGGCTCTGTAGCC 71
Db 27 GluGluThrGlnLysGluLeuProSerProArgIleSerCysProLysGlySerLysAla 46
Qy 72 TATGGGTCCTATTGCTATTACTGATTTTATACACAGACCTGGTCTAATGCAAGACTA 131
Db 47 TyrGlySerProCysTyrAlaLeuPheLeuSerProLysSerTrpMetAspAlaAspLeu 66
Qy 132 TCCTGCCAGATGCATTTCTCAGACACCTGGCATTTCTTCACGTACTGTTGAATTAACC 191
Db 67 AlaCysGlnLysArgProSerGlyLysLeuValSerValLeuSerGlyAlaGluGlySer 86
Qy 192 TTCGTGTCCTCCCTGTGCAAGAACAGTTTGACGGCCTACCACTGATCTGGATTGGACTC 251
Db 87 PheValSerSerLeuValArgSerIleSerAsnSerTyrSerTyrIleTrpIleGlyLeu 106
Qy 252 CATGATCCCTCACATGGTACACTACCCAAACGGAAGTGGATGGAAGTGGAGCAGTTCCAAT 311
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Db 107 HisAspProThrGlnGlySerGluProAspGlyAspGlyTrpGluTrpSerSerThrAsp 126
QY 312 GTGCTGACCTTCTATAACTGGAGAGAACCCCTCTATTGCTGCTGACCGTGGTTATTGT 371
Db 127 ValMetAsnTyrPheAlaTrpGluLysAsnProSerThrLeuLeuAsnProGlyHisCys 146
QY 372 GCAGTTTGTCTCAGAAATCAGGTTTTCAGAAGTGGAGAGATTTTAATTTGTAAGAAATGAG 431
Db 147 GlySerLeuSerArgSerThrGlyPheLeuLysTrpLysAspTyrAsnCysAspAlaLys 166
QY 432 CTTCCCTATATCTCAAAATCAAG' 455
Db 167 LeuProTyrValCysLysPheLys 174
RESULT 10
US-10-173-706-424
; Sequence 424, Application US/10173706
; Publication No. US2003002293A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Chen, Jian
; APPLICANT: Desnoyers, Luc
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Pan, James
; APPLICANT: Smith, Victoria
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3430R1C7
; CURRENT APPLICATION NUMBER: US/10/173,706
; CURRENT FILING DATE: 2002-06-17
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 612
; SEQ ID NO 424
; LENGTH: 175
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-173-706-424
Alignment Scores:
Pred. No.: 2,34e-48 Length: 175
Score: 485.00 Matches: 81
Percent Similarity: 77.70% Conservative: 34
Best Local Similarity: 54.73% Mismatches: 33
Query Match: 48.84% Indels: 0
DB: 9 Gaps: 0
US-09-659-379-4 (1-558) x US-10-173-706-424 (1-175)
QY 12 GAAGATCTCAAGAAAGTCCCTTCTACGTATACCTGCTCTCAAGGCTCTGTAGCC 71
Db 27 GluGluThrGlnLysGluLeuProSerProArgIleSerCysProLysGlySerLysAla 46
QY 72 TATGGTGCCATTGCTATTCTACTGATTTTGTATACACAGACCTGGTCTAATGCAAGACTA 131
Db 47 TyrGlySerProCysTyrAlaLeuPheLeuSerProLysSerTrpMetAspAlaAspLeu 66
QY 132 TCCGTCAGCATGTCATTTCTCAGGACACCTGTCATTTCTCTCAGTACTGGTGAATTAACC 191
Db 67 AlaCysGlnLysArgProSerGlyLysLeuValSerValLeuSerGlyAlaGluGlySer 86
QY 192 TTCGTGCTCCCTCTGTGAAGACAGTTTACGGCCCTACCATCTCGATTGGAGTGGACTC 251
Db 87 PheValSerLeuValArgSerIleSerAsnSerTyrSerTyrIleTrpIleGlyLeu 106
QY 252 CATGATCCCTCACATGTGTACACTACCAACGGAAGTGGTGAAGTGGAGCAGTTCCAAT 311
Db 107 HisAspProThrGlnGlySerGluProAspGlyAspGlyTrpGluTrpSerSerThrAsp 126
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QY 312 GTGCTGACCTTCTATAACTGGAGAGAACCCCTCTATTGCTGCTGACCGTGGTTATTGT 371
Db 127 ValMetAsnTyrPheAlaTrpGluLysAsnProSerThrLeuLeuAsnProGlyHisCys 146
QY 372 GCAGTTTGTCTCAGAAATCAGGTTTTCAGAAGTGGAGAGATTTTAATTTGTAAGAAATGAG 431
Db 147 GlySerLeuSerArgSerThrGlyPheLeuLysTrpLysAspTyrAsnCysAspAlaLys 166
QY 432 CTTCCCTATATCTCAAAATCAAG 455
Db 167 LeuProTyrValCysLysPheLys 174
RESULT 11
US-10-175-738-424
; Sequence 424, Application US/10175738
; Publication No. US2003002294A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Chen, Jian
; APPLICANT: Desnoyers, Luc
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Pan, James
; APPLICANT: Smith, Victoria
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Wood, William I.
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3430R1C45
; CURRENT APPLICATION NUMBER: US/10/175,738
; CURRENT FILING DATE: 2002-06-19
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 612
; SEQ ID NO 424
; LENGTH: 175
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-175-738-424
Alignment Scores:
Pred. No.: 2,34e-48 Length: 175
Score: 485.00 Matches: 81
Percent Similarity: 77.70% Conservative: 34
Best Local Similarity: 54.73% Mismatches: 33
Query Match: 48.84% Indels: 0
DB: 9 Gaps: 0
US-09-659-379-4 (1-558) x US-10-175-738-424 (1-175)
QY 12 GAAGATCTCAAGAAAGTCCCTTCTACGTATACCTGCTCTCAAGGCTCTGTAGCC 71
Db 27 GluGluThrGlnLysGluLeuProSerProArgIleSerCysProLysGlySerLysAla 46
QY 72 TATGGTGCCATTGCTATTCTACTGATTTTGTATACACAGACCTGGTCTAATGCAAGACTA 131
Db 47 TyrGlySerProCysTyrAlaLeuPheLeuSerProLysSerTrpMetAspAlaAspLeu 66
QY 132 TCCGTCAGCATGTCATTTCTCAGGACACCTGTCATTTCTCTCAGTACTGGTGAATTAACC 191
Db 67 AlaCysGlnLysArgProSerGlyLysLeuValSerValLeuSerGlyAlaGluGlySer 86
QY 192 TTCGTGCTCCCTCTGTGAAGACAGTTTACGGCCCTACCATCTCGATTGGAGTGGACTC 251
Db 87 PheValSerLeuValArgSerIleSerAsnSerTyrSerTyrIleTrpIleGlyLeu 106
QY 252 CATGATCCCTCACATGTGTACACTACCAACGGAAGTGGTGAAGTGGAGCAGTTCCAAT 311
Db 107 HisAspProThrGlnGlySerGluProAspGlyAspGlyTrpGluTrpSerSerThrAsp 126
QY 312 GTGCTGACCTTCTATAACTGGAGAGAACCCCTCTATTGCTGCTGACCGTGGTTATTGT 371
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Db 147 GlySerLeuSerArgSerThrGlyPheLeuLysTrpLysAspTyrAsnCysAspAlaLys 166
QY 432 CTTCCTATATCTGCAAAATTCAG 455
|||||:|||||:|||||:|||||
Db 167 LeuProTyrValCysLysPheLys 174
RESULT 14
US-10-176-757-424
: Sequence 424, Application US/10176757
: Publication No. US20030022297A1
: GENERAL INFORMATION:
: APPLICANT: Baker, Kevin P.
: APPLICANT: Chen, Jian
: APPLICANT: Desnoyers, Luc
: APPLICANT: Goddard, Audrey
: APPLICANT: Goddard, Paul J.
: APPLICANT: Godowski, Austin L.
: APPLICANT: Gurney, James
: APPLICANT: Pan, James
: APPLICANT: Smith, Victoria
: APPLICANT: Watanabe, Colin K.
: APPLICANT: Wood, William I.
: APPLICANT: Zhang, Zemin
: TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
: FILE REFERENCE: P3430R1C86
: CURRENT APPLICATION NUMBER: US/10/176,757
: CURRENT FILING DATE: 2002-06-20
: Prior Application removed - See File Wrapper or Palm
: NUMBER OF SEQ ID NOS: 612
: SEQ ID NO 424
: LENGTH: 175
: TYPE: PRT
: ORGANISM: Homo Sapien
US-10-176-757-424
Alignment Scores:
Pred. No.: 2.34e-48 Length: 175
Score: 485.00 Matches: 81
Percent Similarity: 77.70% Conservative: 34
Best Local Similarity: 54.73% Mismatches: 33
Query Match: 48.84% Indels: 0
DB: 9 Gaps: 0
US-09-659-379-4 (1-558) x US-10-176-757-424 (1-175)
QY 12 GAAGAATCTCAAAAGAACTGCCCTTCACGTATACCTGTCCCTCAAGGCTCTGTACCC 71
|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||
Db 27 GluGluThrGlnLysGluLeuProSerProArgIleSerCysProLysGlySerLysAla 46
|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||
QY 72 TATGGTCTCTATTGCTATCTACTGATTTTGATACACAGACCTGGTCTTAATGCAGAACTA 131
|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||
Db 47 TyrGlySerProCysTyrAlaLeuPheLeuSerProLysSerTrpMetAspAlaAspLeu 66
QY 132 TCCTGCCAGATGCATTTCTCAGGACACCTGGCATTCTTCTCAGTACTGGTGAATATACC 191
|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||
Db 67 AlaCysGlnLysArgProSerGlyLysLeuValSerValLeuSerGlyAlaGluGlySer 86
QY 192 TTCGTGTCCTCCCTGTGCAAGAACAGTTTGACGGCCTACCACTACATCTGGATTGGACTC 251
|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||
Db 87 PheValSerLeuValArgSerIleSerAsnSerTyrSerTyrIleTrpIleGlyLeu 106
QY 252 CATGATCCCTCACATGTTACACTACCCCAACGGAAGTGATGGAAGTGAGCAGATTCCCAAT 311
|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||
Db 107 HisAspProThrGlnGlySerGluProAspGlyAspGlyTrpGluTrpSerSerThrAsp 126
QY 312 GTGCTGACCTTCTATAACTGGGAGAGAACCCCTCTATTGCTGTGACCGGGTTATGT 371
|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||
Db 127 ValMetAsnTyrPheAlaTrpGluLysAsnProSerThrIleLeuAsnProGlyHisCys 146
QY 372 GCAGTTTTGCTCAGAAATCAGGTTTTCAGAGTGGAGAGATTTTAATTGTCAAAATGAG 431
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QY 432 CTTCCTATATCTGCAAAATTCAG 455
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QY 432 CTTCCTATATCTGCAAAATTCAG 455
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Db 167 LeuProTyrValCysLysPheLys 174
RESULT 15
US-10-176-913-424
: Sequence 424, Application US/10176913
: Publication No. US20030022298A1
: GENERAL INFORMATION:
: APPLICANT: Baker, Kevin P.
: APPLICANT: Chen, Jian
: APPLICANT: Desnoyers, Luc
: APPLICANT: Goddard, Audrey
: APPLICANT: Godowski, Paul J.
: APPLICANT: Gurney, Austin L.
: APPLICANT: Pan, James
: APPLICANT: Smith, Victoria
: APPLICANT: Watanabe, Colin K.
: APPLICANT: Wood, William I.
: APPLICANT: Zhang, Zemin
: TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
: FILE REFERENCE: P3430R1C66
: CURRENT APPLICATION NUMBER: US/10/176,913
: CURRENT FILING DATE: 2002-06-20
: Prior Application removed - See file Wrapper or Palm
: NUMBER OF SEQ ID NOS: 612
: SEQ ID NO 424
: LENGTH: 175
: TYPE: PRT
: ORGANISM: Homo Sapien
US-10-176-913-424
Alignment Scores:
Pred. No.: 2.34e-48 Length: 175
Score: 485.00 Matches: 81
Percent Similarity: 77.70% Conservative: 34
Best Local Similarity: 54.73% Mismatches: 33
Query Match: 48.84% Indels: 0
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QY 12 GAAGAATCTCAAAAGAACTGCCCTTCACGTATACCTGTCCCTCAAGGCTCTGTACCC 71
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Db 27 GluGluThrGlnLysGluLeuProSerProArgIleSerCysProLysGlySerLysAla 46
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QY 72 TATGGTCTCTATTGCTATCTACTGATTTTGATACACAGACCTGGTCTTAATGCAGAACTA 131
|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||
Db 47 TyrGlySerProCysTyrAlaLeuPheLeuSerProLysSerTrpMetAspAlaAspLeu 66
QY 132 TCCTGCCAGATGCATTTCTCAGGACACCTGGCATTCTTCTCAGTACTGGTGAATATACC 191
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Db 67 AlaCysGlnLysArgProSerGlyLysLeuValSerValLeuSerGlyAlaGluGlySer 86
QY 192 TTCGTGTCCTCCCTGTGCAAGAACAGTTTGACGGCCTACCACTACATCTGGATTGGACTC 251
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Db 87 PheValSerLeuValArgSerIleSerAsnSerTyrSerTyrIleTrpIleGlyLeu 106
QY 252 CATGATCCCTCACATGTTACACTACCCCAACGGAAGTGATGGAAGTGAGCAGATTCCCAAT 311
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Db 107 HisAspProThrGlnGlySerGluProAspGlyAspGlyTrpGluTrpSerSerThrAsp 126
QY 312 GTGCTGACCTTCTATAACTGGGAGAGAACCCCTCTATTGCTGTGACCGGGTTATGT 371
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Db 127 ValMetAsnTyrPheAlaTrpGluLysAsnProSerThrIleLeuAsnProGlyHisCys 146
QY 372 GCAGTTTTGCTCAGAAATCAGGTTTTCAGAGTGGAGAGATTTTAATTGTCAAAATGAG 431
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Db 147 GlySerLeuSerArgSerThrGlyPheLeuLysTrpLysAspTyrAsnCysAspAlaLys 166
QY 432 CTTCCTATATCTGCAAAATTCAG 455
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Db 167 LeuProTyrValCysLysPheLys 174

Search completed: February 13, 2003, 22:51:43  
Job time : 14.5 secs



GenCore version 5.1.3  
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OM nucleic - nucleic search, using sw model

Run on: February 13, 2003, 16:17:20 ; Search time 45 Seconds  
(without alignments)  
3802.792 Million cell updates/sec

Title: US-09-659-379-4  
Perfect score: 558  
Sequence: 1 CCGCGGATCCGAGAAATCT.....GAAGAGCACTCGAGCGGTC 558

Scoring table: IDENTITY\_NUC  
Gapop 10.0 , Gapext 1.0

Searched: 441362 seqs, 153338381 residues

Total number of hits satisfying chosen parameters: 882724

Minimum DB seq length: 0  
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%  
Maximum Match 100%  
Listing first 45 summaries

Database : Issued\_Patents\_NA.\*  
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2: /cgn2.6/ptodata/2/ina/5B\_COMB.seq.\*  
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5: /cgn2.6/ptodata/2/ina/PTUS\_COMB.seq.\*  
6: /cgn2.6/ptodata/2/ina/backfiles1.seq.\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	558	100.0	558	1	US-08-909-725-4
2	536	96.1	747	2	US-08-709-662-1
3	516	92.5	586	4	US-09-146-969-3
4	471.6	84.5	747	2	US-08-401-530A-1
5	247	44.3	762	2	US-08-822-261-2
6	240.6	43.1	797	2	US-08-464-637-1
7	240.6	43.1	797	2	US-08-822-261-5
8	231.2	41.4	798	1	US-07-778-156-12
9	231.2	41.4	798	2	US-08-822-261-6
10	231.2	41.4	798	2	US-08-422-166-12
11	227.6	40.8	793	1	US-07-778-156-1
12	227.6	40.8	793	2	US-08-422-166-1
13	209.2	37.5	474	1	US-07-778-156-8
14	209.2	37.5	474	2	US-08-422-166-8
15	206.4	37.0	522	1	US-07-778-156-4
16	206.4	37.0	522	2	US-08-422-166-4
17	170	30.5	602	4	US-09-385-982-257
18	116.8	20.9	610	4	US-09-385-982-229
19	115.4	20.7	777	4	US-09-146-969-1
20	102.2	18.3	590	2	US-08-454-557C-32
21	102.2	18.3	590	2	US-08-340-426D-32
22	102.2	18.3	590	2	US-08-450-673C-32
23	102.2	18.3	590	5	PCT-US95-17111A-32
24	88.4	15.8	622	4	US-09-385-982-224
25	75.6	13.5	378	2	US-08-454-557C-16
26	75.6	13.5	378	2	US-08-340-426D-16
27	75.6	13.5	378	2	US-08-454-557C-16

28	75.6	13.5	378	2	US-08-450-673C-16	Sequence 16, Appl
29	75.6	13.5	378	5	PCT-US95-17111A-16	Sequence 16, Appl
30	73.4	13.2	306	1	US-07-778-156-9	Sequence 9, Appl
31	73.4	13.2	306	2	US-08-422-166-9	Sequence 9, Appl
32	58	10.4	659	4	US-09-385-982-319	Sequence 319, App
33	51.2	9.2	3411	4	US-09-146-969-4	Sequence 4, Appl
34	46.6	8.4	140	1	US-08-518-878B-8	Sequence 8, Appl
35	46.6	8.4	140	1	US-08-294-522B-8	Sequence 8, Appl
36	46.6	8.4	140	2	US-08-807-861A-8	Sequence 8, Appl
37	46.6	8.4	140	2	US-08-470-868A-8	Sequence 8, Appl
38	46.6	8.4	140	3	US-09-210-681-8	Sequence 8, Appl
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40	45	8.1	140	1	US-08-518-878B-7	Sequence 7, Appl
41	45	8.1	140	1	US-08-294-522B-7	Sequence 7, Appl
42	45	8.1	140	2	US-08-807-861A-7	Sequence 7, Appl
43	45	8.1	140	2	US-08-470-868A-7	Sequence 7, Appl
44	45	8.1	140	3	US-09-210-681-7	Sequence 7, Appl
45	45	8.1	140	3	US-08-946-719A-7	Sequence 7, Appl

ALIGNMENTS

RESULT 1  
US-08-909-725-4  
; Sequence 4, Application US/08909725  
; Patent No. 5804427  
; GENERAL INFORMATION:  
; APPLICANT: Vink, Aaron  
; APPLICANT: Pittenger, Gary  
; APPLICANT: Rafaeloff-Phail, Ronit  
; APPLICANT: Barlow, Scott  
; TITLE OF INVENTION: HIGH LEVEL EXPRESSION OF  
; NUMBER OF SEQUENCES: 6  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Banner & Witcoff, Ltd.  
; STREET: 1001 G Street, N.W.  
; CITY: Washington  
; STATE: DC  
; COUNTRY: USA  
; ZIP: 20001  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Diskette  
; COMPUTER: IBM Compatible  
; OPERATING SYSTEM: DOS  
; SOFTWARE: FASTSEQ for Windows Version 2.0  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/909.725  
; FILING DATE: 12-AUG-1997  
; CLASSIFICATION: 435  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 08/741,096  
; FILING DATE: 30-OCT-1996  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Kagan, Sarah A  
; REGISTRATION NUMBER: 32,145  
; REFERENCE/DOCKET NUMBER: 0570.05173  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 202-508-9100  
; TELEFAX: 202-508-9299  
; TELEX: 97430 BMB UT  
; INFORMATION FOR SEQ ID NO: 4:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 558 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: cDNA  
US-08-909-725-4

Query Match 100.0%; Score 558; DB 1; Length 558;  
Best Local Similarity 100.0%; Pred. No. 2.6e-174;

Matches 558; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Db 1 CGCGGATCCCGAAGAACTCAAAAGAACTGCTTCTCAGGTATAACCTGCTCCTCAAG 60

Qy 61 GCTCTGTAGCTATGGGCTTATGCTATTCACCTGATTTGATACACAGACCTGGTCTA 120  
Db 61 GCTCTGTAGCTATGGGCTTATGCTATTCACCTGATTTGATACACAGACCTGGTCTA 120

Qy 121 ATGCAGAACTATCTCGCAGATGCAATTTCTCAGGACACCTGGCAATTTCTTCAGTACTG 180  
Db 121 ATGCAGAACTATCTCGCAGATGCAATTTCTCAGGACACCTGGCAATTTCTTCAGTACTG 180

Qy 181 GTGAATACCTTCGTGCTCCCTTGTGAAGAACAGTTTGACGGCCTACCACTACATCT 240  
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Qy 241 GGATTGGACTCCATCCCTCACATGCTTACACTACCCAAAGGAGTGGAGTGGGA 300  
Db 241 GGATTGGACTCCATCCCTCACATGCTTACACTACCCAAAGGAGTGGAGTGGGA 300

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Db 301 GCAGTTCAATGTGCTGACCTTCTTAATCTGAGGAGAACCCCTCTATTTGCTGCTGACC 360

Qy 361 GTGGTTATTGTCAGTTTGTCTCAGAAATCAGGTTTTCAGAAAGTGGAGATTTAAT 420  
Db 361 GTGGTTATTGTCAGTTTGTCTCAGAAATCAGGTTTTCAGAAAGTGGAGATTTAAT 420

Qy 421 GTGAAATGAGCTTCCCTATATCTCAAAATCAAGGCTAGGGCAATTTCAATTTCAACA 480  
Db 421 GTGAAATGAGCTTCCCTATATCTCAAAATCAAGGCTAGGGCAATTTCAATTTCAACA 480

Qy 481 GCTTGAAATATTTATGAGCTCACATGAGCAAGCAAGTATGAGGATTCACCTCAGGA 540  
Db 481 GCTTGAAATATTTATGAGCTCACATGAGCAAGCAAGTATGAGGATTCACCTCAGGA 540

Qy 541 AGAGCACTCGAGCCGGTC 558  
Db 541 AGAGCACTCGAGCCGGTC 558

RESULT 2  
US-08-709-662-1  
; Sequence 1, Application US/08709662  
; Patent No. 5840531  
; GENERAL INFORMATION:  
; APPLICANT: Vinik, Aaron I.  
; APPLICANT: Pittenger, Gary L.  
; APPLICANT: Rafaeloff, Ronit  
; APPLICANT: Rosenberg, Lawrence  
; APPLICANT: Duguid, William P.  
; TITLE OF INVENTION: INGP PROTEIN INVOLVED IN PANCREATIC  
; TITLE OF INVENTION: ISLET NEOGENESIS  
; NUMBER OF SEQUENCES: 7  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Banner & Witcoff, Ltd.  
; STREET: 1001 G Street, N.W.  
; CITY: Washington  
; STATE: D.C.  
; COUNTRY: US  
; ZIP: 20001-4597  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08709,662  
; FILING DATE: 09-SEP-1996  
; CLASSIFICATION: 435  
; ATTORNEY/AGENT INFORMATION:

NAME: Kagan, Sarah A.  
REGISTRATION NUMBER: 32,141  
REFERENCE/DOCKET NUMBER: 00570,59178  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 202-508-9100  
TELEFAX: 202-508-9299  
INFORMATION FOR SEQ ID NO: 1:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 747 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: CDNA  
HYPOTHETICAL: NO  
ANTI-SENSE: NO  
ORIGINAL SOURCE:  
ORGANISM: Cricetulus  
NAME/KEY: CDS  
LOCATION: 20..541  
US-08-709-662-1

Query Match 96.1%; Score 536; DB 2; Length 747;  
Best Local Similarity 99.1%; Pred. No. 5.4e-167;  
Matches 539; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

Qy 3 CGCGATCCCGAAGAACTCAAAAGAACTGCTTCTCAGGTATAACCTGCTCCTCAAGGC 62  
Db 86 GTGGAAGTGAAGAACTCAAAAGAACTGCTTCTCAGGTATAACCTGCTCCTCAAGGC 145

Qy 63 TCTGTAGCTATGGTCTCTATTGCTTATTCACCTGATTTTGATACACACCTGGTCTAAT 122  
Db 146 TCTGTAGCTATGGTCTCTATTGCTTATTCACCTGATTTTGATACACACCTGGTCTAAT 205

Qy 123 GCAGAACTATCCTGCCAGATGCATTTCTCAGGACACCTGGCATTTCTTCAGTACTGGT 182  
Db 206 GCAGAACTATCCTGCCAGATGCATTTCTCAGGACACCTGGCATTTCTTCAGTACTGGT 265

Qy 183 GAAATACCTTCGTGCTCCCTTGTGAAGAACAGTTTGACGGCCTACCACTACATCTGG 242  
Db 266 GAAATACCTTCGTGCTCCCTTGTGAAGAACAGTTTGACGGCCTACCACTACATCTGG 325

Qy 243 ATTGGACTCCATGATCCCTCACATGCTTACCTACCAACGGAAGTGGAGTGGAGC 302  
Db 326 ATTGGACTCCATGATCCCTCACATGCTTACCTACCAACGGAAGTGGAGTGGAGC 385

Qy 303 AGTTCCAAATGTGCTGACCTTCTATACTGGGAGAGAACCCCTCTATTGCTGCTGACCGT 362  
Db 386 AGTTCCAAATGTGCTGACCTTCTATACTGGGAGAGAACCCCTCTATTGCTGCTGACCGT 445

Qy 363 GGTATTGCTGAGTTTGTCTCAGAAATCAGTTTTCAGAAAGTGGAGATTTAATTTGT 422  
Db 446 GGTATTGCTGAGTTTGTCTCAGAAATCAGTTTTCAGAAAGTGGAGATTTAATTTGT 505

Qy 423 GAAATGAGCTTCCCTATATCTGCAAAATCAAGGCTTAGGGCAGTTCTTAATTTCAACAGC 482  
Db 506 GAAATGAGCTTCCCTATATCTGCAAAATCAAGGCTTAGGGCAGTTCTTAATTTCAACAGC 565

Qy 483 TTGAAATATTATGAAGCTCACATGAGCAAGAAAGTATGAGGATTCACCTCAGGAAG 542  
Db 566 TTGAAATATTATGAAGCTCACATGAGCAAGAAAGTATGAGGATTCACCTCAGGAAG 625

Qy 543 AGCA 546  
Db 626 AGCA 629

RESULT 3  
US-09-146-969-3  
; Sequence 3, Application US/09146969  
; Patent No. 6228585  
; GENERAL INFORMATION:  
; APPLICANT: Dieckgraefe, Brian K.



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; TITLE OF INVENTION: Gene Markers for Chronic Mucosal Injury
; FILE REFERENCE: 04255.75314
; CURRENT APPLICATION NUMBER: US/09/146,969
; CURRENT FILING DATE: 1998-09-04
; NUMBER OF SEQ ID NOS: 5
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/401,530A
; FILING DATE: 22-FEB-1995
; CLASSIFICATION: 800
; ATTORNEY/AGENT INFORMATION:
; NAME: Kagan, Sarah A.
; REGISTRATION NUMBER: 32,141
; REFERENCE/DOCKET NUMBER: 00570.48743
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 202-508-9100
; TELEFAX: 202-508-9299
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 747 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; HYPOTHEICAL: NO
; ANTI-SENSE: NO
; ORIGINAL SOURCE:
; ORGANISM: Cricetus
; FEATURE:
; NAME/KEY: CDS
; LOCATION: 20..541
; US-08-401-530A-1

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Query Match      92.5%; Score 516; DB 4; Length 586;
Best Local Similarity 99.0%; Pred. No. 1.9e-160;
Matches 519; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 3 GCGGATCCCGAAGATCTCAAAAGAAACGCTCTTTCACGTATACCTGCTCCTCAAGGC 62
Db 63 GTGGAGGTGAAGATCTCAAAAGAAACGCTCTTTCACGTATACCTGCTCCTCAAGGC 122

QY 63 TCTGTAGCCTATGGGTCCTATTGCTATTCACGTATTTGATACACAGACCTGGTCTAAT 122
Db 123 TCTGTAGCCTATGGGTCCTATTGCTATTCACGTATTTGATACACAGACCTGGTCTAAT 182

QY 123 GCAGACTATCTCCAGATGATTTCTCAGACACCTGGCATTTCTTCTAGTACTGGT 182
Db 183 GCAGAACTATCTCCAGATGATTTCTCAGACACCTGGCATTTCTTCTAGTACTGGT 242

QY 183 GAAATACCTTCGTCTCCCTCTGTAAGAACAGTTCACGGCCTACAGTACATCTGG 242
Db 243 GAAATACCTTCGTCTCCCTCTGTAAGAACAGTTCACGGCCTACAGTACATCTGG 302

QY 243 ATTGACTCCATGATCCCTACATGATGATACCTACCCAGGAAGTGGATGGAGC 302
Db 303 ATTGACTCCATGATCCCTACATGATGATACCTACCCAGGAAGTGGATGGAGC 362

QY 303 AGTTCCTATGCTGACCTCTATACCTGAGGAGAGAACCCCTCTATTGCTGCTGACCGT 362
Db 363 AGTTCCTATGCTGACCTCTATACCTGAGGAGAGAACCCCTCTATTGCTGCTGACCGT 422

QY 363 GGTATTGTGCAAGTTTGTCTCAGAAATCAGGTTTTCAGAACTGGAGAGATTTAATGT 422
Db 423 GGTATTGTGCAAGTTTGTCTCAGAAATCAGGTTTTCAGAACTGGAGAGATTTAATGT 482

QY 423 GAAATGAGCTTCCCTATATCTGCAAAATCAAGGCTAGGGCAGTTCTAATTTCAACAGC 482
Db 483 GAAATGAGCTTCCCTATATCTGCAAAATCAAGGCTAGGGCAGTTCTAATTTCAACAGC 542

QY 483 TTGAAATATTATGAGCTCAGATGACATGACACAGGAAGCAAGTATGA 526
Db 543 TTGAAATATTATGAGCTCAGATGACATGACACAGGAAGCAAGTATGA 586

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RESULT 4
US-08-401-530A-1
; Sequence 1, Application US/08401530A
; Patent No. 5834590
; GENERAL INFORMATION:
; APPLICANT: Vinik, Aaron I.
; APPLICANT: Pittenger, Gary L.
; APPLICANT: Rafaeloff, Ronit
; APPLICANT: Rosenberg, Lawrence
; APPLICANT: Duguid, William P.
; TITLE OF INVENTION: INGP PROTEIN INVOLVED IN PANCREATIC
; NUMBER OF SEQUENCES: 7
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Banner & Allegretti
; STREET: 1001 G Street, N.W.
; CITY: Washington
; STATE: D.C.
; COUNTRY: US
; ZIP: 20001-4597

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; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/401,530A
; FILING DATE: 22-FEB-1995
; CLASSIFICATION: 800
; ATTORNEY/AGENT INFORMATION:
; NAME: Kagan, Sarah A.
; REGISTRATION NUMBER: 32,141
; REFERENCE/DOCKET NUMBER: 00570.48743
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 202-508-9100
; TELEFAX: 202-508-9299
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 747 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; HYPOTHEICAL: NO
; ANTI-SENSE: NO
; ORIGINAL SOURCE:
; ORGANISM: Cricetus
; FEATURE:
; NAME/KEY: CDS
; LOCATION: 20..541
; US-08-401-530A-1

Query Match      84.5%; Score 471.6; DB 2; Length 747;
Best Local Similarity 98.1%; Pred. No. 9.1e-145;
Matches 477; Conservative 0; Mismatches 9; Indels 0; Gaps 0;

QY 3 GCGGATCCCGAAGATCTCAAAAGAAACGCTCTTTCACGTATACCTGCTCCTCAAGGC 62
Db 86 GTGGAGGTGAAGATCTCAAAAGAAACGCTCTTTCACGTATACCTGCTCCTCAAGGC 145

QY 63 TCTGTAGCCTATGGGTCCTATTGCTATTCACGTATTTGATACACAGACCTGGTCTAAT 122
Db 146 TCTGTAGCCTATGGGTCCTATTGCTATTCACGTATTTGATACACAGACCTGGTCTAAT 205

QY 123 GCAGAACTATCTCCAGATGATTTCTCAGACACCTGGCATTTCTTCTCAGTACTGGT 182
Db 206 GCAGAACTATCTCCAGATGATTTCTCAGACACCTGGCATTTCTTCTCAGTACTGGT 265

QY 183 GAAATACCTTCGTGTCCTCCCTCTGTAAGAACAGTTCACGGCCTACAGTACATCTGG 242
Db 266 GAAATACCTTCGTGTCCTCCCTCTGTAAGAACAGTTCACGGCCTACAGTACATCTGG 325

QY 243 ATTGACTCCATGATCCCTACATGATGATACCTACCCAGGAAGTGGATGGAGC 302
Db 326 ATTGACTCCATGATCCCTACATGATGATACCTACCCAGGAAGTGGATGGAGC 385

QY 303 AGTTCCTATGCTGACCTCTATACCTGGGAGAGAACCCCTCTATTGCTGCTGACCGT 362
Db 386 AGTTCCTATGCTGACCTCTATACCTGGGAGAGAACCCCTCTATTGCTGCTGACCGT 445

QY 363 GGTATTGTGCAAGTTTGTCTCAGAAATCAGGTTTTCAGAACTGGAGAGATTTAATGT 422
Db 446 GGTATTGTGCAAGTTTGTCTCAGAAATCAGGTTTTCAGAACTGGAGAGATTTAATGT 505

QY 423 GAAATGAGCTTCCCTATATCTGCAAAATCAAGGCTAGGGCAGTTCTAATTTCAACAGC 482
Db 506 GAAATGAGCTTCCCTATATCTGCAAAATCAAGGCTAGGGCAGTTCTAATTTCAACAGC 565

QY 483 TTGAAA 488
Db 566 GAGCAA 571

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Fri Feb 14 18:27:14 2003

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RESULT 5
US-08-822-261-2
; Sequence 2, Application US/08822261
; Patent No. 5935813
; GENERAL INFORMATION:
; APPLICANT: Hillman, Jennifer L.
; APPLICANT: Goli, Surya K.
; TITLE OF INVENTION: NOVEL HUMAN PANCREATITIS-ASSOCIATED
; TITLE OF INVENTION: PROTEIN
; NUMBER OF SEQUENCES: 6
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Incyte Pharmaceuticals, Inc.
; STREET: 3174 Porter Drive
; CITY: Palo Alto
; STATE: CA
; COUNTRY: USA
; ZIP: 94304
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FASTSEQ for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/822,261
; FILING DATE: Filed Herewith
; CLASSIFICATION: 530
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Billings, Lucy J.
; REGISTRATION NUMBER: 36,749
; REFERENCE/DOCKET NUMBER: PF-0251 US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-855-0555
; TELEFAX: 415-845-4166
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 762 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; IMMEDIATE SOURCE:
; LIBRARY: ISL/NOT01
; CLONE: 2072483
US-08-822-261-2
Query Match 44.3%; Score 247; DB 2; Length 762;
Best Local Similarity 66.4%; Pred. No. 9.8e-72;
Matches 355; Conservative 0; Mismatches 180; Indels 0; Gaps 0;

Qy 12 GAAGATCTCAAGAAACTGCTTCTCAGGTATACCTGCTCCTCAGGCTCTGTAGCC 71
Db 192 GAAGAAACCCAGAAAGTCCCTCTCCACGGATCAGCTGCCAAAGGCTCCAAAGCC 251

Qy 72 TATGGTCTTATTTGCTATCTACTGATTTTGTATACCAAGACCTGGTCTAAATGCAGAACTA 131
Db 252 TATGGTCTCCCTGTATGCTTCTGTTTGTTCACCAAAATCCTGGATGGATGCAGATCTG 311

Qy 132 TCCTGCCAGATGCAATTTCTCAGGACACCTGTCATTTCTCTCAGTACTGTTGGAATTAACC 191
Db 312 GCTTCCAGAAAGCGCCCTCTGGAATACTGTGTCTGCTCAGTGGGCTGAGGGATCC 371

Qy 192 TTCGTGCTCTCCTTGTGAAGAACAGTTTGAGCGCTACCACTAGTACATCTGATGGATC 251
Db 372 TTCGTGCTCTCCTTGTGAGGAGCAATTAGTAAACAGCTACTCATACATCTGATGGGCTC 431

Qy 252 CATGATCCCTCATGATGGTACACTACCCAAAGCAAGTGGATGGAAGTGGAGAGTTCCAAAT 311
Db 432 CATGACCCACACAGCGCTCTGAGGCTGATGGAGATGATGGAGTGGAGTAGACTGAT 491

Qy 312 GTGCTCACCTTCTATACTGGAGAGGAACCCCTTATTTGCTGCTGACCGTGGTATTGT 371
Db 491 GTGCTCACCTTCTATACTGGAGAGGAACCCCTTATTTGCTGCTGACCGTGGTATTGT 371

Db 492 GTGATGAATTACTTTGCTATGGGAGAAAATCCCTCACCACATCTTAAACCTGGCCACTGT 551
Qy 372 GCAGTTTGTCTCAGAAATCAGGTTTTCAGAACTGGAGAGATTTTAAATCTGTAAGATGAG 431
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Qy 432 CTTCCCTATATCTGCAAAATTCAGAGTCTAGGGCAGTTCATTTTCAACAGCTTGAAATA 491
Db 612 TTACCTATGCTCTGCAAGTTCAAGGACTAGGGCAGGTGGGAGTGGAGCTCAGCCTCAGCTTG 671
Qy 492 TTATGAGCTCATCATGGACAAGCAAGCATGATGAGGATTCACCTCAGGAAGAGCA 546
Db 672 GCGTGCAGCTCATCATGACATGAGACCATGAGCAGTGTGAAGACTCACCTTGAAGAGAA 726

RESULT 6
US-08-464-637-1
; Sequence 1, Application US/08464637
; Patent No. 5834214
; GENERAL INFORMATION:
; APPLICANT: Iovanna, Juan-Lucio
; APPLICANT: Dagorn, Jean-Charles
; APPLICANT: Keim, Volker
; APPLICANT: Sarles, Jacques
; TITLE OF INVENTION: Detection of Pancreatitis-Associated
; TITLE OF INVENTION: Protein for Diagnosis of Cystic Fibrosis or Pancreatic
; TITLE OF INVENTION: Disease (as amended).
; NUMBER OF SEQUENCES: 2
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Birch, Stewart, Kolasch & Birch, LLP
; STREET: P.O. Box 747
; CITY: Falls Church
; STATE: Virginia
; COUNTRY: USA
; ZIP: 22040-3487
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/464,637
; FILING DATE: 30-AUG-1995
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Murphy Jr., Gerald M.
; REGISTRATION NUMBER: 28,977
; REFERENCE/DOCKET NUMBER: 2121-107P
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 703-205-8000
; TELEFAX: 703-205-8050
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 797 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: not relevant
; TOPOLOGY: not relevant
; MOLECULE TYPE: cDNA to mRNA
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; ORIGINAL SOURCE:
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: CDS
; LOCATION: 43..567
; OTHER INFORMATION: /product= "human
; OTHER INFORMATION: pancreatitis-associated protein"
; OTHER INFORMATION: /note= "see, Fig. 3"
US-08-464-637-1
Query Match 43.1%; Score 240.6; DB 2; Length 797;
Best Local Similarity 65.6%; Pred. No. 1.3e-69;
Matches 351; Conservative 0; Mismatches 184; Indels 0; Gaps 0;
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Db 481 GCGAGCCTGTGCGAAGCACAGCATTCTTGAGGTGGAAGATTATACTGTAATGTGAGG 540  
Qy 432 CTTCCCTATATCTGCAAA-TTCAAGGTCTAGGCGAGTTCTTAATTTCAACAGCTTGAAAT 490  
Db 541 TTACCCTATGCTGCAAGTTCACTGACTAGTGCAGGAGGAAGTCAAGCAGCCTGTGTTT 600  
Qy 491 ATTATGAAGCTTCATGATGACAGGAAGCAAGTATGAGGATTTCACTCAGGAAGACA 546  
Db 601 GGTGTGCAACTCATATGGGCATGAGACCAGTGTGAGGACTCACCTGTGAAGAGAA 656

## RESULT 10

US-08-422-166-12  
; Sequence 12, Application US/08422166  
; Patent No. 5959086  
; GENERAL INFORMATION:  
; APPLICANT: IOVANNA, JUAN-LUCIO  
; APPLICANT: KEIM, VOLKER  
; APPLICANT: DORN, JEAN-CHARLES  
; TITLE OF INVENTION: PROTEIN ASSOCIATED WITH ACUTE  
; TITLE OF INVENTION: PANCREATITIS, AGENTS FOR THE DIAGNOSIS OF ACUTE  
; TITLE OF INVENTION: PANCREATITIS  
; NUMBER OF SEQUENCES: 12  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: P.C.  
; STREET: 1755 Jefferson Davis Highway, Fourth Floor  
; CITY: Arlington  
; STATE: Virginia  
; COUNTRY: U.S.A.  
; ZIP: 22202

; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patentin Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/422,166  
; FILING DATE: 14-APR-1995  
; CLASSIFICATION: 435  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 07/778,156  
; FILING DATE: 19-DEC-1991  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Oblon, No. 5959086man F.  
; REGISTRATION NUMBER: 24,618  
; REFERENCE/DOCKET NUMBER: 354-012-0 PCT  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (703)521-4500  
; TELEFAX: (703)486-2347  
; TELEX: 248855 OPAT UR  
; INFORMATION FOR SEQ ID NO: 12:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 798 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: unknown  
; TOPOLOGY: unknown  
; MOLECULE TYPE: cDNA  
; ORIGINAL SOURCE:  
; ORGANISM: Homo sapiens  
; TISSUE TYPE: pancreas  
US-08-422-166-12

Query Match 41.4%; Score 231.2; DB 2; Length 798;  
Best Local Similarity 65.7%; Pred. No. 1.6e-66;  
Matches 352; Conservative 0; Mismatches 183; Indels 1; Gaps 1;

Qy 12 GAAGAATCTCAAAAGAACTGCCCTTCTTCAGCTATAACCTGTCTCAAGGCTCTGTAGCC 71  
Db 121 GAAGAACCCAGAGGAAGTCCCTCTGCACGGATCCGCTGTCACAGGCTCCCAAGGCC 180  
Qy 72 TATGGTCTTATGCTATTACTGATTTTGATACCACAGACCTGGTCTAATGCAGAACTA 131

Db 181 TATGGTCTCCCACTGCTATGCTTGTGTTTGTACCAAAATCCTGGACAGATGCAAGATCG 240  
Qy 132 TCCGTGCAGATGCAATTTCTCAGGACACTGSCATTTCTTCTCAGTACTGTTGAATTAACC 191  
Db 241 GCCTGCGCAGAACGGCCCTCTGGAACCTGTGTCTGTGCTCAGTGGGGCTGAGGGATCC 300  
Qy 192 TTCGTGCTCCTCCCTTGTGAAGAACAGATTTGACGGCCTACCACTACATCTGGATTGGACTC 251  
Db 301 TTCGTGCTCCTCCCTGGTGAAGAGCATTTGTAACAGCTACTCATACGCTGAGTTGGGCTC 360  
Qy 252 CATGATCCCTCAGATGGTGTACACTACCCCAACGGAAGTGGATGGAAGTGGAGCAGTTCCAAT 311  
Db 361 CATGACCCACACAGAGCCACCGAGCCCAATGGGAAGGTTGGGAGTGGAGTACGAGTGCAT 420  
Qy 312 GTGCTGACCTTCTATACTGGGAGAGGAACCCCTCTATTGCTGCTGACCGTGTATTGT 371  
Db 421 GTGATGAATTAATTTGTCATGGGAGAGAAATCCCTCCACCATCTCAAGCCCGGCCACTGT 480  
Qy 372 GCAGTTTGTCTCAGAAATCAGGTTTTCAGAACTGGAGAGATTTTAATTTGTAATAATGAG 431  
Db 481 GCGAGCCTGTGCGAAGCACAGCAGCATTTCTGAGGTGGAAGATTATACTGTAATGTGAGG 540  
Qy 432 CTTCCCTATATCTGCAAA-TTCAAGGTCTTAGGCGAGTTCTTAATTTCAACAGCTTGAAAT 490  
Db 541 TTACCCTATGCTGCAAGTTCACTGACTAGTGCAGGAGGAAGTCAAGCAGCCTGTGTTT 600  
Qy 491 ATTATGAAGCTCACATGGCAAGGAAGCAAGTATGAGGATTTCACTCAGGAGAGCA 546  
Db 601 GGTGTGCAACTCATATGGGCATGAGACCACTGTGAGGACTCACCTCGGAAGAGAA 656

## RESULT 11

US-09-146-969-2  
; Sequence 2, Application US/09146969  
; Patent No. 6228585  
; GENERAL INFORMATION:  
; APPLICANT: Dieckgraefe, Brian K.  
; TITLE OF INVENTION: Gene Markers for Chronic Mucosal Injury  
; FILE REFERENCE: 04255, 75314  
; CURRENT APPLICATION NUMBER: US/09/146,969  
; CURRENT FILING DATE: 1998-09-04  
; NUMBER OF SEQ ID NOS: 5  
; SOFTWARE: PatentIn Ver. 2.0  
; SEQ ID NO 2  
; LENGTH: 798  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-09-146-969-2

Query Match 41.4%; Score 231.2; DB 4; Length 798;  
Best Local Similarity 65.7%; Pred. No. 1.6e-66;  
Matches 352; Conservative 0; Mismatches 183; Indels 1; Gaps 1;

Qy 12 GAAGAATCTCAAAAGAACTGCCCTTCTTCAGCTATAACCTGTCTCAAGGCTCTGTAGCC 71  
Db 121 GAAGAACCCAGAGGGAATGCCCTCTGCACGGATCCGCTGTCACCAAGGCTCCCAAGGCC 180  
Qy 72 TATGGTCTTATGCTATTACTGATTTTGATACCACAGACCTGGTCTAATGCAGAACTA 131  
Db 181 TATGGTCTCCCACTGCTATGCTTGTGTTTGTACCAAAATCCTGGACAGATGCAAGATCG 240  
Qy 132 TCCGTGCAGATGCAATTTCTCAGGACACTGGCATTCTTCTCAGTACTGTTGAATTAACC 191  
Db 241 GCCTGCGCAGAACGGCCCTCTGGAACCTGTGTCTGTGCTCAGTGGGGCTGAGGGATCC 300  
Qy 192 TTCGTGCTCCTCCCTTGTGAAGAACAGATTTGACGGCCTACCACTACATCTGGATTGGACTC 251  
Db 301 TTCGTGCTCCTCCCTGGTGAAGAGCATTTGTAACAGCTACTCATACGCTGAGTTGGGCTC 360  
Qy 252 CATGATCCCTCAGATGGTGTACACTACCCCAACGGAAGTGGATGGAAGTGGAGCAGTTCCAAT 311  
Db 361 CATGACCCACACAGGAGCCACCGAGCCCAATGGGAAGGTTGGGAGTGGAGTACGAGTGCAT 420

QY 312 GTGCTGACCTTCTATAACTGGGAGAGAACCCCTCTATTGCTGCTGACCGTGGTTATTGT 371  
DB 421 GTGATGAATTACTTGTGATGGGAGAGAAATCCCTCCACCATCTCAAGCCCGGCCACTGT 480  
QY 372 GCAGTTTGTCTCAGAAATCAGGTTTTCAGAGTGGAGAGATTTAAATGTGAAATGAG 431  
DB 481 GCGAGCCTGTGAGAGACACAGCATTTCTGAGGTGGAAGATTATAACTGTAATGTGAGG 540  
QY 432 CTTCCCTATATCTGCARA-TTCAAGGTCTAGGCGAGTTCTAAATTTCAACAGCTGAAAT 490  
DB 541 TTACCCCTATGCTCTCAAGTTTCACTGACTAGTGAGGAGGGAAGTCAAGCAGCCTGTGTTT 600  
QY 491 ATTATGAAGTTCACATGCAAGCAAGCAAGTATGAGGATTTCACTCAGGAGAGCA 546  
DB 601 GGTGTGAAGTTCATGAGGCAATGAGACCATGTGAGGACTCACCTCGGAGAGAA 656

RESULT 12  
US-07-778-156-1  
; Sequence 1, Application US/07778156  
; Patent No. 5436169  
; GENERAL INFORMATION:  
; APPLICANT: IOVANNA, JUAN-LUCIO  
; APPLICANT: KEIM, VOLKER  
; APPLICANT: DAGORN, JEAN-CHARLES  
; TITLE OF INVENTION: PROTEIN ASSOCIATED WITH ACUTE  
; TITLE OF INVENTION: PANCREATITIS, AGENTS FOR THE DIAGNOSIS OF ACUTE  
; TITLE OF INVENTION: PANCREATITIS  
; NUMBER OF SEQUENCES: 12  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: OBLON, SPIVAK, MCLELLAND, MAIER & NEUSTADT,  
; STREET: 1755 Jefferson Davis Highway, Fourth Floor  
; CITY: Arlington  
; STATE: Virginia  
; COUNTRY: U.S.A.  
; ZIP: 22202  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/07/778,156  
; FILING DATE: 19911219  
; CLASSIFICATION: 435  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Oblon, No. 5436169man F.  
; REGISTRATION NUMBER: 24,618  
; REFERENCE/DOCKET NUMBER: 354-012-0 PCT  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (703)521-4500  
; TELEFAX: (703)486-2347  
; INFORMATION FOR SEQ ID NO: 1:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 793 base pairs  
; TYPE: NUCLEIC ACID  
; STRANDEDNESS: unknown  
; TOPOLOGY: unknown  
; MOLECULE TYPE: cDNA to mRNA  
; ORIGINAL SOURCE:  
; ORGANISM: rat  
; TISSUE TYPE: pancreas  
; FEATURE:  
; NAME/KEY: CDS  
; LOCATION: 62..613  
US-07-778-156-1

Query Match 40.8%; Score 227.6; DB 1; Length 793;  
Best Local Similarity 65.4%; Pred. No. 2.5e-65;  
Matches 349; Conservative 0; Mismatches 184; Indels 1; Gaps 1;

QY 12 GAAGAAATCTCAAAGAAACTGCCTTCTTACGTATAACCTGTCTCAAGGCTCTGTAGCC 71  
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QY 72 TATGGGTCTTATGCTATTCACATGATTTTGTATACACAGACCTGGTCTAATGAGAACTA 131  
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QY 132 TCTGCGCAGATGATTTCTCAGGACACCTGGCATTTCTTCTCAGTACTGCTGAAATFACC 191  
DB 260 GCTGCGCAGAGAGAGACTGAAGGACACCTTGTATCTGTGCTCAATGTAGTGAAGCTTCA 319  
QY 192 TTTGCTGCTCCCTTGTGAAGAACAGTTTTCAGCGCCTTACCAGTACATCTCGATTGGACTC 251  
DB 320 TTTCTGGCATCCATGGTCAAGAACACTGGAAACAGCTACCAATATACCTCGATTGGACTC 379  
QY 252 CATGATCCCTTCACATGGTACACTACCCAAACGGAAGTGGATGGAGGAGCAGTTCCAAAT 311  
DB 380 CATGACCCCACTCTGTGTGGAAGAACCAATGGAGGTGGAGTGGAGTGAACAATGAC 439  
QY 312 GTGCTGACCTTCTATAACTGGGAGAGAACCCCTCTATTGCTGCTGACCGTGGTTATTGT 371  
DB 440 ATAATGAATTTATGTCAACTGGGAGAGAACCCCATCTACTGCTTAGACCGGATTCTGT 499  
QY 372 GCAGTTTGTCTCAGAAATCAGGTTTTCAGAGTGGAGAGATTTTAATTTCTGAAAAATG-A 430  
DB 500 GCAGCTTGTCAAGATCTCTGATTTCTAAGATGGAGAGATACCACATGTGAAGTTGAA 559  
QY 431 GCTTCCCTATATCTGCAAAATTCAGGTCTAGGCGAGTTCTTAATTTCAACAGCTTGAAAT 490  
DB 560 GTTGCCTACGTCTGCAAAATTTACAGTTAAAAATACCAGACAGCAACACAGCTTTAGTTT 619  
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DB 620 GTCTGAAGCACATCTGTCAAGGGGCAAAATATGAAGACTTCGCTAGAAAAAG 673

RESULT 13  
US-08-422-166-1  
; Sequence 1, Application US/08422166  
; Patent No. 5959086  
; GENERAL INFORMATION:  
; APPLICANT: IOVANNA, JUAN-LUCIO  
; APPLICANT: KEIM, VOLKER  
; APPLICANT: DAGORN, JEAN-CHARLES  
; TITLE OF INVENTION: PROTEIN ASSOCIATED WITH ACUTE  
; TITLE OF INVENTION: PANCREATITIS, AGENTS FOR THE DIAGNOSIS OF ACUTE  
; NUMBER OF SEQUENCES: 12  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: OBLON, SPIVAK, MCLELLAND, MAIER & NEUSTADT,  
; ADDRESSEE: P.C.  
; STREET: 1755 Jefferson Davis Highway, Fourth Floor  
; CITY: Arlington  
; STATE: Virginia  
; COUNTRY: U.S.A.  
; ZIP: 22202  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/422,166  
; FILING DATE: 14-APR-1995  
; CLASSIFICATION: 435  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 07/778,156  
; FILING DATE: 19-DEC-1991  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Oblon, No. 5959086man F.  
; REGISTRATION NUMBER: 24,618

REFERENCE/DOCKET NUMBER: 354-012-0 PCT  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (703)521-4500  
TELEFAX: (703)486-2347  
TELEX: 248855 OPAT UR  
INFORMATION FOR SEQ ID NO: 1:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 793 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: unknown  
MOLECULE TYPE: cdna to mRNA  
ORIGINAL SOURCE:  
ORGANISM: rat  
TISSUE TYPE: pancreas  
FEATURE:  
NAME/KEY: CDS  
LOCATION: 62..613  
US-08-422-166-1

Query Match 40.8%; Score 227.6; DB 2; Length 793;  
Best Local Similarity 65.4%; Pred. No. 2.5e-65;  
Matches 349; Conservative 0; Mismatches 184; Indels 1; Gaps 1;

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QY 12 GAAGAATCTCAAAAGAAAGTGCCTTCTCAGCTATAACCTGTCTCAAGGCTCTGTAGCC 71
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Db 140 GAAGACTCTCCGAAGAAATACCTCTGCACGATTAGTTGGCCCAAGGCTCCAGGCA 199

QY 72 TATGGTCTTATGCTATTCACGTTTGTATACACAGACCTGTCTAATGCAGAACTA 131
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Db 200 TATGGTCTTATGCTATTCACGTTTGTATACACAGACCTGTCTAATGCAGAACTG 259

QY 132 TCCTGCCAGATGCATTTCTCAGACACCTGGCATTTCTTCAGTACTGGTGAAATTTACC 191
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Db 260 GCCTGCCAGAGACCTTGAAGACACCTTGTATCTGTCTCAATGTAGCTGAACCTTCA 319

QY 192 TTCGTGCTCCCTTGTGAAGAACAGTTTGTACGGCTACCACTACATCTGGATTGGACTC 251
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Db 320 TTCTTGGCATCTTGTGAAGAACACTGAAACAGCTACCAATATACCTGGATTGGACTC 379

QY 252 CATGATCCCTCATGTTGTTGAGTACCTACCCACGAAAGTGTGAAGTGGAGAGTCCCAAT 311
||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Db 380 CATGATCCCTCATGTTGTTGAGTACCTACCCACGAAAGTGTGAAGTGGAGTAAACATGAC 439

QY 312 GTGCTGACCTTCTATACTGGAGAGAACCCCTCTATTGTGCTGACCGTGGTTATTGT 371
||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Db 440 ATAATGAATTATGCTAAGTGGAGAGAACCCCTACTGCTTACAGCCGGATTCTGT 499

QY 372 GCAGTTTGTCTCAGAAATCAGTTTTCAGAAAGTGGAGAGATTTAATTTGAAATG-A 430
||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Db 500 GCAGCTTGTCAAGATCTTCTGGATTCTTAAGATGGAGAGATACCATGTGAAGTTGAA 559

QY 431 GCCTCCCTATATCTCAAAATCAAGTCTAGGGCAGTTCTAATTTCAACAGCTTGAAT 490
||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Db 560 GTTGCCTACGCTGCAATTTTACAGTTTAAATTTACCAGACAGCAAGCTTTAGTTT 619

QY 491 ATTATGAAGCTCACATGGACAGGAAGCAAGTATGAGGATTCACCTCAGGAGAG 544
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Db 620 GTCCTGAAGCACATCTGTCAAGGGGCAAAATATGAAGACTTGCCTAGAAAAG 673
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## RESULT 14

US-07-778-156-8  
; Sequence 8, Application US/07778156  
; Patent No. 5436169  
; GENERAL INFORMATION:  
; APPLICANT: IOVANNA, JUAN-LUCIO  
; APPLICANT: KEIM, VOLKER  
; APPLICANT: DAGORN, JEAN-CHARLES  
; TITLE OF INVENTION: PROTEIN ASSOCIATED WITH ACUTE  
; TITLE OF INVENTION: PANCREATITIS, AGENT'S FOR THE DIAGNOSIS OF ACUTE  
; TITLE OF INVENTION: PANCREATITIS  
; NUMBER OF SEQUENCES: 12

CORRESPONDENCE ADDRESS:  
ADDRESSEE: OBLON, SPIVAK, MCCLELLAND, MAIER & NEUSTADT,  
ADDRESSEE: P.C.  
STREET: 1755 Jefferson Davis Highway, Fourth Floor  
CITY: Arlington  
STATE: Virginia  
COUNTRY: U.S.A.  
ZIP: 22202  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/07/778.156  
FILING DATE: 19911219  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: Oblon, No. 5436169man F.  
REGISTRATION NUMBER: 24,618  
REFERENCE/DOCKET NUMBER: 354-012-0 PCT  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (703)521-4500  
TELEFAX: (703)486-2347  
INFORMATION FOR SEQ ID NO: 8:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 474 base pairs  
TYPE: NUCLEIC ACID  
STRANDEDNESS: unknown  
TOPOLOGY: unknown  
MOLECULE TYPE: cdna  
ORIGINAL SOURCE:  
ORGANISM: rat  
TISSUE TYPE: pancreas  
US-07-778-156-8

Query Match 37.5%; Score 209.2; DB 1; Length 474;

Best Local Similarity 68.0%; Pred. No. 2.2e-59;  
Matches 306; Conservative 0; Mismatches 143; Indels 1; Gaps 1;

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QY 12 GAAGAATCTCAAAAGAAAGTGCCTTCTCAGCTATAACCTGTCTCAAGGCTCTGTAGCC 71
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Db 1 GAAGACTCTCCGAAGAAATACCTCTGCACGATTAGTTGGCCCAAGGCTCCAGGCA 60

QY 72 TATGGTCTTATGCTATTCACGTTTGTATACACAGACCTGTCTAATGCAGAACTA 131
||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Db 61 TATGGTCTTATGCTATTCACGTTTGTATACACAGACCTGTCTAATGCAGAACTG 120

QY 132 TCCTGCCAGATGCATTTCTCAGGACACCTGGCATTTCTTCAGTACTGGTGAAATTTACC 191
||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Db 121 GCCTGCCAGAGACCTTGAAGGACACCTTGTATCTGTCTCAATGTAGCTGAACCTCA 180

QY 192 TTCGTGCTCCCTTGTGAAGAACAGTTTGTACGGCTACCACTACATCTGGATTGGACTC 251
||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Db 181 TTCTTGGCATCCATGGTCAAGAACACTGGAACAGCTACCAATATACCTGGATTGGACTC 240

QY 252 CATGATCCCTCATGTTGTTGAGTACCTACCCACGAAAGTGTGAAGTGGAGAGAGTCCCAAT 311
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QY 312 GTGCTGACCTTCTATACTGGGAGAGAACCCCTCTATTGTGCTGACCGTGGTTATTGT 371
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Db 301 ATAATGAATTATGCTAAGTGGAGAGAACCCCTACTGCTTACAGCCGGGATTCTGT 360

QY 372 GCAGTTTGTCTCAGAAATCAGTTTTCAGAAAGTGGAGAGATTTAATTTGAAATG-A 430
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GenCore version 5.1.3  
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OM nucleic - nucleic search, using sw model

Run on: February 13, 2003, 18:25:40 ; Search time 114 Seconds  
(without alignments)  
2493.005 Million cell updates/sec

Title: US-09-659-379-4  
Perfect score: 558  
Sequence: 1 CCGCGGATCCGAAGAATCT.....GAAGAGCACTCGACCGGTC 558

Scoring table: IDENTITY\_NUC  
Gapop 10.0 , Gapext 1.0

Searched: 424239 seqs, 254661826 residues 848478  
Total number of hits satisfying chosen parameters:

Minimum DB seq length: 0  
Maximum DB seq length: 2000000000  
Post-processing: Minimum Match 0%  
Maximum Match 100%  
Listing first 45 summaries

Database : Published\_Applications\_NA:\*  
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13: /cgn2\_6/ptodata/1/pubpna/US60\_NEW\_PUB.seq:\*  
14: /cgn2\_6/ptodata/1/pubpna/US60\_PUBCOMB.seq:\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match %	Length	ID	Description
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2	247	44.3	859	9	US-09-978-295A-451
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4	247	44.3	859	9	US-09-978-192A-451
5	247	44.3	859	9	US-09-998-832A-451
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23	247	44.3	859	9	US-10-175-739-423	Sequence 423, App
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36	247	44.3	859	12	US-10-052-586-423	Sequence 423, App
37	240.6	43.1	940	10	US-09-925-301-171	Sequence 171, App
38	231.2	41.4	798	10	US-09-739-262-2	Sequence 2, Appl1
39	150.2	26.9	534	10	US-09-923-779-34	Sequence 34, Appl1
40	135.2	24.2	381	10	US-09-920-300A-1722	Sequence 1722, App
41	135.2	24.2	381	12	US-10-033-528-1722	Sequence 1722, App
42	130	23.3	461	10	US-09-925-301-711	Sequence 711, App
43	125.4	22.5	767	10	US-09-920-300A-1748	Sequence 1748, App
44	125.4	22.5	767	12	US-10-033-528-1748	Sequence 1748, App
45	125.4	22.5	845	10	US-09-925-297-294	Sequence 294, App

ALIGNMENTS

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; Sequence 3, Application US/09739262  
; Patent No. US20020031767A1  
; GENERAL INFORMATION:  
; APPLICANT: Dieckgraefe, Brian K.  
; TITLE OF INVENTION: Gene Markers for Chronic Mucosal Injury  
; FILE REFERENCE: 04255.75314  
; CURRENT APPLICATION NUMBER: US/09739,262  
; CURRENT FILING DATE: 2000-12-19  
; PRIOR APPLICATION NUMBER: 09/146,969  
; PRIOR FILING DATE: 1998-09-04  
; NUMBER OF SEQ ID NOS: 5  
; SOFTWARE: PatentIn Ver. 2.0  
; SEQ ID NO 3  
; LENGTH: 586  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-09-739-262-3

Query Match	92.5%	Score 516;	DB 10;	Length 586;
Best Local Similarity	99.0%	Pred. No. 2.2e-151;		
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Db	123	TCTGTAGCTATGGTGCCTTATTCCTGCTTATTCAGTATTTGATACACAGACCTGGTCTAAT	182	
Qy	123	GCAGAACTATCTGCGACATGCTTCTCAGACACCTGGCATTTCTCTAGTACTGCT	182	
Db	183	GCAGAACTATCTGCGACATGCTTCTCAGACACCTGGCATTTCTCTAGTACTGCT	242	
Qy	183	GAATTTACCTTCTGCTCTCCCTTGTGAAGAACAGTTTGTGACGGCTTACAGTACATCTGG	242	
Db	243	GAATTTACCTTCTGCTCTCCCTTGTGAAGAACAGTTTGTGACGGCTTACAGTACATCTGG	302	
Qy	243	ATTGGACTCCATGATCCCTCAGATGGTACCTACCTACCCAGGAAGTGGATGGAGTGGAGC	302	

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; APPLICANT: Tumas, Daniel  
; APPLICANT: Williams, P. Mickey  
; APPLICANT: Wood, William I.  
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
; TITLE OF INVENTION: Acids Encoding the Same  
; FILE REFERENCE: P2630PIC27  
; CURRENT APPLICATION NUMBER: US/09/978,697  
; CURRENT FILING DATE: 2001-10-16  
; PRIOR APPLICATION NUMBER: 09/918585  
; PRIOR FILING DATE: 2001-07-30  
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 ; PRIOR APPLICATION NUMBER: 60/085697

Query Match 44.3%; Score 247; DB 9; Length 859;

Best Local Similarity 66.4%; Pred. No. 2.7e-67;

Matches 355; Conservative 0; Mismatches 180; Indels 0; Gaps 0;

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 QY 132 TCCTGCACATCATTTCTCAGACACCTGGCATTTCTCTAGTACTGCTGCTGCTGCTGCTG 191
 DB 284 GCTTGCCAGAAAGCGGCCCTCTGGAAACCTGGTCTGCTGCTGCTGCTGCTGCTGCTGCTG 343
 QY 192 TTCGTGCTCTCTCTGTTGAAGAACATTTGACGGCTACACGATACATCTGGATTGGACTC 251
 DB 344 TTCGTGCTCTCTCTGTTGAAGAACATTTGACGGCTACACGATACATCTGGATTGGACTC 403
 QY 252 CATGATCCCTCAGATGTTACACTACCCACGGAAGTGGATGGAAGTGGAGCTTCCAAAT 311
 DB 404 CATGATCCCTCAGATGTTACACTACCCACGGAAGTGGATGGAAGTGGAGCTTCCAAAT 463
 QY 312 GTGCTGACCTTCTATACTGGGAGGAGGACCCCTCTATTGCTGCTGCTGCTGCTGCTGCT 371
 DB 464 GTGATGAATTAATCTTGCATGGGAGAGAAATCCCTCCACATCTTAACCCCTGGCCACTGT 523
 QY 372 GCAGTTTTCTCAGAAATAGGTTTTCAGAAAGTGGAGAGATTTTAATGTGCAAAATGAG 431
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 QY 432 CTTCCCTATATCTGCAAAATCAAGTCTAGGCGAGTCTTAATTTCAACAGCTTGAATA 491
 DB 584 TTACCCCTATGCTGCAAGTTCAAGGACTAGGCGAGTGGGAAATCAGCAGCCTCAGCTTG 643
 QY 492 TTATGAAGCTCATGTCGACAAAGCAAGATATGAGGATTTCACTCAGGAGAGCA 546
 DB 644 GCGTCAGCTCATGTCGACAAAGCAAGATATGAGGATTTCACTCAGGAGAGCA 698

RESULT 4

US-09-978-192A-451

; Sequence 451, Application US/09978192A

; Patent No. US20020177553A1

; GENERAL INFORMATION:
 ; APPLICANT: Ashkenazi, Avi
 ; APPLICANT: Baker Kevin P.
 ; APPLICANT: Botstein, David
 ; APPLICANT: Desnoyers, Luc
 ; APPLICANT: Eaton, Dan
 ; APPLICANT: Ferrara, Napoleon
 ; APPLICANT: Filvaroff, Ellen
 ; APPLICANT: Fong, Sherman
 ; APPLICANT: Gao, Wei-Qiang
 ; APPLICANT: Gerber, Hanspeter
 ; APPLICANT: Gerritsen, Mary E.
 ; APPLICANT: Goddard, Audrey
 ; APPLICANT: Godowski, Paul J.
 ; APPLICANT: Grimaldi, J. Christopher
 ; APPLICANT: Gurney, Austin L.
 ; APPLICANT: Hillan, Kenneth J.
 ; APPLICANT: Kijavin, Ivar J.
 ; APPLICANT: Kuo, Sophia S.
 ; APPLICANT: Napier, Mary A.
 ; APPLICANT: Pan, James
 ; APPLICANT: Paoni, Nicholas F.
 ; APPLICANT: Roy, Margaret Ann
 ; APPLICANT: Shelton, David L.
 ; APPLICANT: Stewart, Timothy A.
 ; APPLICANT: Tumas, Daniel
 ; APPLICANT: Williams, P. Mickey
 ; APPLICANT: Wood, William I.
 ; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
 ; TITLE OF INVENTION: Acids Encoding the Same
 ; FILE REFERENCE: P2630P1C9
 ; CURRENT APPLICATION NUMBER: US/09/978,192A
 ; CURRENT FILING DATE: 2001-10-15
 ; PRIOR APPLICATION NUMBER: 09/918585
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; PRIOR APPLICATION NUMBER: 60/082797  
; PRIOR FILING DATE: 1998-04-22  
; PRIOR APPLICATION NUMBER: 60/082796  
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; PRIOR FILING DATE: 1998-04-29  
; PRIOR APPLICATION NUMBER: 60/083499  
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; PRIOR FILING DATE: 1998-05-15  
; PRIOR APPLICATION NUMBER: 60/085697

Query Match 44.3%; Score 247; DB 9; Length 859;

Best Local Similarity 66.4%; Pred. No. 2.7e-67;

Matches 355; Conservative 0; Mismatches 180; Indels 0; Gaps 0;

Qy 12 GAAGAATCTCAAAAGAAACTGCCTTCTCAGTATAACTCTCTCAAGGCTCTGTAGCC 71  
||||| ||| ||| ||||||| ||| ||||| ||| ||||| ||||| |||  
Db 164 GAAGAAACCCAGAAAGAACTGCCCTCTCCAGGATCAGCTGTCCAAAGGCTCCAGGCC 223  
||||| ||| ||||||| ||| ||||| ||| ||||| ||||| |||  
Qy 72 TATGGGTCTATTGCTATTCTACTGATTTTGATACACAGACCTGGTCTTAATGCAGAACTA 131  
||||| ||| ||||||| ||| ||||| ||| ||||| ||||| |||  
Db 224 TATGCTCCCTCTGCTATGCTTGTGTTTGTACCAAAATCTGTGATGATGCAGATCTG 283  
||||| ||| ||||||| ||| ||||| ||| ||||| ||||| |||  
Qy 132 TCTGCGCAGATGATTTCTCAGGACACCTGGCATTCTTTCAGTACTGTTGAAATACC 191  
||||| ||| ||||||| ||| ||||| ||| ||||| ||||| |||  
Db 284 GCTTGCCAGAAAGCGGCCCTCTGAAAACTGGTGTCTGCTCAGTGGGGCTGAGGGATCC 343  
||||| ||| ||||||| ||| ||||| ||| ||||| ||||| |||  
Qy 192 TTCGTGCTCCCTTGTGAAGAACAGTTTGACGGCTTACACAGTACTCTGGATTGGACTC 251  
||||| ||| ||||||| ||| ||||| ||| ||||| ||||| |||  
Db 344 TTCGTGCTCCCTGGTGAGGAGCATTAGTAACTACTATCATATCTGGATTGGGCTC 403  
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QY 252 CATGATCCCTCACATGGTACACTACCCACGGAAGTGGATGGAGGTGGAGCACTTCCAAT 311
      |||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
Db 404 CATGACCCACACAGGGCTCTGAGCCTGATGGATGGATGGAGTGGAGTGGAGTGGAGT 463
      |||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
QY 312 GTGCTGACCTTCTATAACCTGGGAGGAGACCCCTCTATTGCTGCTGACCGTGGTTATGTT 371
      |||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
Db 464 GTGATGAATTACTTTGTCATGGGAGAGAAAATCCCTCCACCATCTTAACCCCTGGCCACTGT 523
      |||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
QY 372 GCGATTTTCTCAGAAAATCAGGTTTTCAGAACTGGAGAGATTTAAATGTTGAAAATGAG 431
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Db 524 GGGAGCCTCTCAAGAGACACAGGATTTCTGAAGTGGAAAGATTATAACTGTGATGCARAAG 583
      |||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
QY 432 CTTCCCTATATCTGCAAAATTCAGGCTCTAGGCACTTCTAAATTTCAACAGCTTGAARATA 491
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Db 584 TTACCCCTATCTCTGCAAGTTCAGGACTAGGCGAGGTGGGAAGTCAGCAGCCTCAGCTTG 643
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QY 492 TTATGAAGCTCACATGGACAAAGCAAGCATGATGAGGATTCACCTCAGGAAGAGCA 546
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Db 644 GCGTCAGCTCATCATGGACATGAGACCACTGTGTAAGACTCACCCCTGGGAAGAGAA 698

RESULT 5
US-09-999-832A-451
; Sequence 451, Application US/09999832A
; Publication No. US20020192706A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kijavini, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2630PIC63
; CURRENT APPLICATION NUMBER: US/09/999,832A
; CURRENT FILING DATE: 2001-10-24
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
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; PRIOR FILING DATE: 1998-03-11
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; PRIOR FILING DATE: 1998-04-21
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APPLICANT: Shelton, David L.  
 APPLICANT: Stewart, Timothy A.  
 APPLICANT: Tumas, Daniel  
 APPLICANT: Williams, P. Mickey  
 APPLICANT: Wood, William I.  
 TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
 TITLE OF INVENTION: Acids Encoding the Same  
 FILE REFERENCE: P2630PIC7  
 CURRENT APPLICATION NUMBER: US/09/978,189  
 CURRENT FILING DATE: 2001-10-15  
 PRIOR APPLICATION NUMBER: 09/918585  
 PRIOR FILING DATE: 2001-07-30  
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; PRIOR FILING DATE: 1998-05-15  
; PRIOR APPLICATION NUMBER: 60/085704  
; PRIOR FILING DATE: 1998-05-15  
; PRIOR APPLICATION NUMBER: 60/085697

Query Match 44.3%; Score 247; DB 9; Length 859;  
Best Local Similarity 66.4%; Pred. No. 2.7e-67;  
Matches 355; Conservative 0; Mismatches 180; Indels 0; Gaps 0;

QY 12 GAAGAAATCTAAAGAAACTGCTTCTCAGGTATACCTGTCTCCTCAAGGCTCTGTAGCC 71  
Db 164 GAAGAAATCTAAAGAAACTGCTTCTCAGGTATACCTGTCTCCTCAAGGCTCTGTAGCC 223  
QY 72 TATGGGCTCTTATCTACTGATTTGATACACAGAGCTGTCTCAATGCAGAACTA 131  
Db 224 TATGGCTCCCTGCTATGCTTGTGTCACCAAACTGCTTCCAGGATCAGCTGCCAAGGCC 283  
QY 132 TCTGCCAGATGCAATTCCTCAGGACACCTGCTTCTCAGTACTGCTGAAATACC 191  
Db 284 TATGGCTCCCTGCTATGCTTGTGTCACCAAACTGCTTCCAGGATCAGCTGCCAAGGCC 343  
QY 192 TTCGTGCTCCTCTGTAAGAACAGTTTACAGGCTTACAGGCTTACAGTACATCTGGATTGGACTC 251  
Db 344 TCTGTCCTCCTCTGTAAGAACAGTTTACAGGCTTACAGGCTTACAGTACATCTGGATTGGACTC 403  
QY 252 CATGATCCCTCAGATGCTACACTACCCAAAGAGTGGATGGAAGTGGAGAGTGGCAAT 311  
Db 344 TCTGTCCTCCTCTGTAAGAACAGTTTACAGGCTTACAGGCTTACAGTACATCTGGATTGGACTC 403  
QY 252 CATGATCCCTCAGATGCTACACTACCCAAAGAGTGGATGGAAGTGGAGAGTGGCAAT 311  
Db 344 TCTGTCCTCCTCTGTAAGAACAGTTTACAGGCTTACAGGCTTACAGTACATCTGGATTGGACTC 403  
QY 312 GTGCTGACCTTCTATACTGGAGAGAACCCCTCTATTGCTGCTGACCGTGGTTATTGT 371  
Db 404 CATGACCCACACAGGCTCTGAGGCTGATGGAGATGGATGGAGTGGAGTGGAGTGGAT 463  
QY 312 GTGCTGACCTTCTATACTGGAGAGAACCCCTCTATTGCTGCTGACCGTGGTTATTGT 371  
Db 464 GTGATGAATTAATTTGCTGAGGAGAAATCCCTCCACCACTTTAAACCCCTGGCCACTGT 523  
QY 372 GCAGTTTGTCTCAGAAATCAGGTTTTCAGAAAGTGGAGAGATTTAATTTGGAATAAGT 431  
Db 524 GGGAGCCCTGTAAGAACAGACAGGATTTCTGAAGTGGAAAGATTTAATGATGCAAG 583  
QY 432 CTTCCTATATCTGCAAAATCAAGGCTPAGGCGAGTTCTTAATTTCAACAGCTTGAATA 491  
Db 584 TTACCTATGCTGCAAGTTTCAAGGCTPAGGCGAGTTGGAGGAGTGGAGGAGTGGAGT 643  
QY 492 TTATGAAGCTCAGATGGACAGGAGGATGATGAGGATTCACCTCAGGAAGCA 546  
Db 644 GCGTGCAGCTCATCATGACATGAGACCAAGTGTGAAGACTCACCTCGAAGAGAA 698

RESULT 7  
US-10-174-590-423

; Sequence 423, Application US/10174590  
; Publication No. US20030008352A1  
; GENERAL INFORMATION:  
; APPLICANT: Baker, Kevin P.  
; APPLICANT: Chen, Jian  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Pan, James  
; APPLICANT: Smith, Victoria  
; APPLICANT: Watanabe, Colin K.  
; APPLICANT: Wood, William I.  
; APPLICANT: Zhang, Zemin  
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
; TITLE OF INVENTION: ACIDS ENCODING THE SAME  
; FILE REFERENCE: P3430R1C42  
; CURRENT APPLICATION NUMBER: US/10/174,590  
; CURRENT FILING DATE: 2002-06-18  
; Prior application removed - See File Wrapper or Palm  
; NUMBER OF SEQ ID NOS: 612  
; SEQ ID NO 423  
; LENGTH: 859  
; TYPE: DNA  
; ORGANISM: Homo Sapien  
US-10-174-590-423

Query Match 44.3%; Score 247; DB 9; Length 859;  
Best Local Similarity 66.4%; Pred. No. 2.7e-67;  
Matches 355; Conservative 0; Mismatches 180; Indels 0; Gaps 0;

QY 12 GAAGAAATCTAAAGAAACTGCTTCTCAGGTATACCTGTCTCCTCAAGGCTCTGTAGCC 71  
Db 164 GAAGAAATCTAAAGAAACTGCTTCTCAGGTATACCTGTCTCCTCAAGGCTCTGTAGCC 223  
QY 72 TATGGGCTCTTATCTACTGATTTGATACACAGAGCTGTCTCAATGCAGAACTA 131  
Db 224 TATGGCTCCCTGCTATGCTTGTGTCACCAAACTGCTTCCAGGATCAGCTGCCAAGGCC 283  
QY 132 TCTGCCAGATGCAATTCCTCAGGACACCTGCTTCTCAGTACTGCTGAAATACC 191  
Db 284 TATGGCTCCCTGCTATGCTTGTGTCACCAAACTGCTTCCAGGATCAGCTGCCAAGGCC 343  
QY 192 TTCGTGCTCCTCTGTAAGAACAGTTTACAGGCTTACAGGCTTACAGTACATCTGGATTGGACTC 251  
Db 344 TCTGTCCTCCTCTGTAAGAACAGTTTACAGGCTTACAGGCTTACAGTACATCTGGATTGGACTC 403  
QY 252 CATGATCCCTCAGATGCTACACTACCCAAAGAGTGGATGGAAGTGGAGAGTGGCAAT 311  
Db 404 CATGACCCACACAGGCTCTGAGGCTGATGGAGATGGATGGAGTGGAGTGGATGAT 463  
QY 312 GTGCTGACCTTCTATACTGGAGAGAACCCCTCTATTGCTGCTGACCGTGGTTATTGT 371  
Db 464 GTGATGAATTAATTTGCTGAGGAGAAATCCCTCCACCACTTTAAACCCCTGGCCACTGT 523  
QY 372 GCAGTTTGTCTCAGAAATCAGGTTTTCAGAAAGTGGAGAGATTTAATTTGGAATAAGT 431  
Db 524 GGGAGCCCTGTAAGAACAGACAGGATTTCTGAAGTGGAAAGATTTAATGATGCAAG 583  
QY 432 CTTCCTATATCTGCAAAATCAAGGCTPAGGCGAGTTCTTAATTTCAACAGCTTGAATA 491  
Db 584 TTACCTATGCTGCAAGTTTCAAGGCTPAGGCGAGTTGGAGGAGTGGAGGAGTGGAGT 643  
QY 492 TTATGAAGCTCAGATGGACAGGAGGATGATGAGGATTCACCTCAGGAAGCA 546  
Db 644 GCGTGCAGCTCATCATGACATGAGACCAAGTGTGAAGACTCACCTCGAAGAGAA 698

RESULT 8  
US-10-176-758-423  
; Sequence 423, Application US/10176758  
; Publication No. US20030008353A1  
; GENERAL INFORMATION:

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US 10-375-728, Application US/10173706
; Sequence 403, Application US/10173706
; Publication No. US20030022293A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Chen, Jian
; APPLICANT: Desnoyers, Luc
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.

```

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; APPLICANT: Wood,William I.
; APPLICANT: Zhang,Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; TITLE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3430R1C45
; CURRENT APPLICATION NUMBER: US/10/175,738
; CURRENT FILING DATE: 2002-06-19
; Prior application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 612
; SEQ ID NO 423
; LENGTH: 859
; TYPE: DNA
; ORGANISM: Homo Sapien
; US-10-175-738-423

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; area: Dna;
; ORGANISM: Homo Sapien
US-10-173-706-423

Query Match          44.3%;      Score 247;   DB 9;    Length 859;
Best Local Similarity 66.4%;      Pred. NO. 2.7e-67;
Matches 355; Conservative 0; Mismatches 180; Indels 0; Gaps 0;
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[illegible]

03 10 175 723 423  
 / Sequence 423, Application US/10175752  
 / Publication No. US20030022295A1  
 / GENERAL INFORMATION:  
 / APPLICANT: Baker, Kevin P.  
 / APPLICANT: Chen, Jian  
 / APPLICANT: Desnoyers, Luc  
 / APPLICANT: Goddard, Audrey  
 / APPLICANT: Godowski, Paul J.  
 / APPLICANT: Gurney, Austin L.  
 / APPLICANT: Pan, James  
 / APPLICANT: Smith, Victoria  
 / APPLICANT: Watanabe, Colin K.  
 / APPLICANT: Wood, William I.  
 / APPLICANT: Zhang, Zemin  
 / TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEOTIC

ORGANISM: Homo Sapien  
US-10-175-752-423

Query Match 44.3%; Score 247; DB 9; Length 859;  
Best Local Similarity 66.4%; Pred. No. 2.7e-67;  
Matches 355. Conservative 0; Mismatches 180; Indels

Qy	12	GAAGAATCTCAAAGAAACGCTTCTTTCACGTATTAACCTGTGCTCAAGGCTCTGTAGCC	71
Db	164	GAAGAAACCCAGAAGAACTGCCCTCTCCACGGATCAGCTGTCCCAAGAGCTCCAAAGCC	223
Qy	72	TATGGGTCCCTATTGCTATTTCACGTATTTTGAACACACACCTGGTCTTAATGCAGAACTA	131
Db	224	TATGGCTCCCCCTGCTATGCTTTGTTTGTACCAAAATCCTGGATGGATGCAGATCTG	283
Qy	132	TCCTGCCAGATGCAATTTCTCAGGACACCTGGCAATTTCTTCTCAGTACTCGTGAATAATACC	191
Db	284	GCTTGCACAGAAGGGCCCTCTGGAACACTGGTCTGTGCTCAGTGGGCTCAGGGATCC	343
Qy	192	TTCTGTCTCCCTCTGTGAAGAACAGTTTGACGGCTTACCAGTACATCTCGGATTTGGACTC	251
Db	344	TTCTGTCTCCCTCTGTGAGGAGCATTAAGTAACAGCTACTCATACATCTGGATTTGGGCTC	403
Qy	252	CATGATCCCTCACATGGTACACTACCCACGGAAGTGGATGGAGTGGAGCTTCCAAAT	311
Db	404	CATGACCCACACAGGCTCTGAGCCTTGATGGAGATGGATGGGAGTGGAGTAGCACTGAT	463
Qy	312	GTGCTGACCTTCTATAACTCGSAGAGGAACCCCTCTATTGCTGCTCACCGTGGTTATTCGT	371
Db	464	GTGATGAATTTACTTTTGCATGGGAGAAAAATCCCTCCACCATCTTAAACCCCTGGCCACTGT	523
Qy	372	GCAGTTTTGTCTCAGAAATCAGGTTTTTCAGAGTGGAGAGATTTTAAATTTGTGAAAAATGAG	431
Db	524	GGGAGCGTGTCAAGAGCACAGGATTTCTGAAGTGGAAAAATTAACCTGTGATGCAAAAG	583
Qy	432	CTTCCCTTATCTTGCAAAATCAAGGTTCTAGGGCAGTTCTAAATTTCAACAGCTTGAAAAATA	491
Db	584	TTACCCCTATGCTGTCAAGTTTCAAGGACTAGGGCAGGTGGGAAGTCAAGCGCTCAGCTTGT	643
Qy	492	TTATGAAGCTCACATGGACAAGGAAGCAAGTATGAGGATTTCACTCAGGAAGAGCA	546
Db	644	CGGTGCAGCTCATCATGGACATCAGACACCACTGTGGAAGCTCAACCTTGAAGAGAA	698

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RESULT 14
US-10-176-757-423
; Sequence 423, Application US/10176757
; Publication No. US20030022297A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Chen, Jian
; APPLICANT: Desnoyers, Luc
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Pan, James
; APPLICANT: Smith, Victoria
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Wood, William I.
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; TITLE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3430R1C86
; CURRENT APPLICATION NUMBER: US/10/176,757
; CURRENT FILING DATE: 2002-06-20
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 612

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; SEQ ID NO 423
; LENGTH: 859
; TYPE: DNA
; ORGANISM: Homo Sapien
US-10-176-757-423

Query Match      44.3%; Score 247; DB 9; Length 859;
Best Local Similarity 66.4%; Pred. No. 2.7e-67;
Matches 355; Conservative 0; Mismatches 180; Indels 0; Gaps 0;

Qy 12 GAAGATCTCAAAAGAAAGTGCCTTCTCAGTATATAACCTGTCTCCCAAGGCTCTGTAGCC 71
Db 164 GAAGAAACCCAGAGAAAGTGCCTTCTCAGGATACAGCTGTCCCAAGGCTCTCAAGGCC 223

Qy 72 TATGGTCTCTATTGCTATTCTACTGATTTTGTATACACAGACCTGTCTTAATCGAAGACTA 131
Db 224 TATGGCTCCCTGTATGCTTGTGTTTGTACCAAAATCTCTGGATGGATGCAGATCTG 283

Qy 132 TCCTGCCAGATCATTTCTCAGGACACCTGGCATTTCTTCTCAGTACTGGTGAATTTACC 191
Db 284 GCTTGCCAGAGCGGCCCTCTGGAAGAACTGGTGTCTGTCTCAGTGGGCTGAGGGATCC 343

Qy 192 TTCGTGCTCCTCTGTGAGAAACAGTTTGTAGCGGCTTACCAGTACATCTGGATTGGACTC 251
Db 344 TTCGTGCTCCTCTGTGAGGACATTTAGTACACCTACTATACATCTGGATTGGGCTC 403

Qy 252 CATGATCCCTCACATFGTACACTACCCAAACGGAAGTGGATGGAAGTGGAGCTTCCAAT 311
Db 404 CATGACCCACACAGGGCTCTGAGCCTGTATGAGATGGATGGAGTGGATGAGTACTGAT 463

Qy 312 GTGCTGACCTTCTATTAAGTGGAGAGAACCCCTCTATTGCTGCTCAGCGTGTATTGT 371
Db 464 GTGATGAATTAATTTGTCATGGGAGAAATCCCTCCACCATCTTAAACCCCTGGCCACTGT 523

Qy 372 GCAGTTTGTCTCAAGAAATCAGGTTTTCAGAAAGTGGAGAGATTTTAAATTGTGAAATGAG 431
Db 524 GGGACCTGTCAAGAGCACAGGATTTCTGAAGTGGAAAGATTATTAATCTGTATGCAAG 583

Qy 432 CTTCCTTATATCTGCAAAATTCAGGCTCTAGGCGAGTTCCTAAATTTCAACAGCTTGAATA 491
Db 584 TTACCTTATGTCTGCAAGTTCAAGGACTAGGCGAGTGGGAAGTCAAGCCTCAGCTTG 643

Qy 492 TTATGAAGCTCACATGGACAAGCAAGTATGAGGATTCAGTCAAGGAAGCA 546
Db 644 GCGTGCAGCTCATCATGGACATGAGACCAGTGTGAAGACTCACCCCTGGAAGAGAA 698

RESULT 15
US-10-176-913-423
; Sequence 423, Application US/10176913
; Publication No. US2003002298A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Chen, Jian
; APPLICANT: Desnoyers, Luc
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Pan, James
; APPLICANT: Smith, Victoria
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Wood, William I.
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3430RIC66
; CURRENT FILING DATE: 2002-06-20
; Prior Application removed - See file Wrapper or Palm
; NUMBER OF SEQ ID NOS: 612
; SEQ ID NO 423
; LENGTH: 859
; TYPE: DNA

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; ORGANISM: Homo Sapien
US-10-176-913-423

Query Match      44.3%; Score 247; DB 9; Length 859;
Best Local Similarity 66.4%; Pred. No. 2.7e-67;
Matches 355; Conservative 0; Mismatches 180; Indels 0; Gaps 0;

Qy 12 GAAGATCTCAAAAGAAAGTGCCTTCTCAGTATATAACCTGTCTCCCAAGGCTCTGTAGCC 71
Db 164 GAAGAAACCCAGAGAAAGTGCCTTCTCAGGATACAGCTGTCCCAAGGCTCTCAAGGCC 223

Qy 72 TATGGTCTCTATTGCTATTCTACTGATTTTGTATACACAGACCTGTCTTAATCGAAGACTA 131
Db 224 TATGGCTCCCTGTATGCTTGTGTTTGTACCAAAATCTCTGGATGGATGCAGATCTG 283

Qy 132 TCCTGCCAGATGCATTTCTCAGGACACCTGGCATTTCTTCTCAGTACTGGTGAATTTACC 191
Db 284 GCTTGCCAGAGCGGCCCTCTGGAAGAACTGGTGTCTGTCTCAGTGGGCTGAGGGATCC 343

Qy 192 TTCGTGCTCCTCTGTGAGAAACAGTTTGTAGCGGCTTACCAGTACATCTGGATTGGACTC 251
Db 344 TTCGTGCTCCTCTGTGAGGACATTTAGTACACCTACTATACATCTGGATTGGGCTC 403

Qy 252 CATGATCCCTCACATFGTACACTACCCAAACGGAAGTGGATGGAAGTGGAGCTTCCAAT 311
Db 404 CATGACCCACACAGGGCTCTGAGCCTGTATGAGATGGATGGAGTGGATGAGTACTGAT 463

Qy 312 GTGCTGACCTTCTATTAAGTGGAGAGAACCCCTCTATTGCTGCTCAGCGTGTATTGT 371
Db 464 GTGATGAATTAATTTGTCATGGGAGAAATCCCTCCACCATCTTAAACCCCTGGCCACTGT 523

Qy 372 GCAGTTTGTCTCAAGAAATCAGGTTTTCAGAAAGTGGAGAGATTTTAAATTGTGAAATGAG 431
Db 524 GGGACCTGTCAAGAGCACAGGATTTCTGAAGTGGAAAGATTATTAATCTGTATGCAAG 583

Qy 432 CTTCCTTATATCTGCAAAATTCAGGCTCTAGGCGAGTTCCTAAATTTCAACAGCTTGAATA 491
Db 584 TTACCTTATGTCTGCAAGTTCAAGGACTAGGCGAGTGGGAAGTCAAGCCTCAGCTTG 643

Qy 492 TTATGAAGCTCACATGGACAAGCAAGTATGAGGATTCAGTCAAGGAAGCA 546
Db 644 GCGTGCAGCTCATCATGGACATGAGACCAGTGTGAAGACTCACCCCTGGAAGAGAA 698

Search completed: February 13, 2003, 22:30:15
Job time : 119 secs

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GenCore version 5.1.3  
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OM protein - protein search, using sw model

Run on: February 13, 2003, 22:30:21 ; Search time 3.23383 Seconds  
(without alignments)  
236.560 Million cell updates/sec

Title: US-09-659-379-5

Perfect score: 144

Sequence: 1 MMLPMTLCRMWMLLSCLMFLSWVEG 26

Scoring table: BLOSUM62

Gapop 10.0 , Gapext 0.5

Searched: 262574 seqs, 29422922 residues

Total number of hits satisfying chosen parameters: 262574

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database : Issued\_Patents\_AA.\*

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- 3: /cgn2\_6/ptodata/2/iaa/6A\_COMB.pep.\*
- 4: /cgn2\_6/ptodata/2/iaa/6B\_COMB.pep.\*
- 5: /cgn2\_6/ptodata/2/iaa/PCTUS\_COMB.pep.\*
- 6: /cgn2\_6/ptodata/2/iaa/backfiles1.pep.\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	144	100.0	26	1 US-08-909-725-5	Sequence 5, Appli
2	144	100.0	175	1 US-08-909-725-6	Sequence 6, Appli
3	139	96.5	174	2 US-08-401-530A-2	Sequence 2, Appli
4	139	96.5	174	2 US-08-709-662-2	Sequence 2, Appli
5	85	59.0	174	1 US-07-778-156-7	Sequence 7, Appli
6	85	59.0	174	2 US-08-822-261-4	Sequence 4, Appli
7	85	59.0	174	2 US-08-422-166-7	Sequence 7, Appli
8	85	59.0	175	2 US-08-464-637-2	Sequence 2, Appli
9	85	59.0	175	2 US-08-401-530A-4	Sequence 4, Appli
10	85	59.0	175	2 US-08-709-662-4	Sequence 4, Appli
11	85	59.0	175	2 US-08-822-261-3	Sequence 3, Appli
12	76	52.8	175	2 US-08-822-261-1	Sequence 1, Appli
13	73	50.7	175	2 US-08-401-530A-3	Sequence 3, Appli
14	73	50.7	175	2 US-08-709-662-3	Sequence 3, Appli
15	73	50.7	184	1 US-07-778-156-2	Sequence 2, Appli
16	73	50.7	184	2 US-08-422-166-2	Sequence 2, Appli
17	71.5	49.7	174	2 US-08-401-530A-5	Sequence 5, Appli
18	71.5	49.7	174	2 US-08-709-662-5	Sequence 5, Appli
19	56	38.9	378	4 US-09-482-180A-2	Sequence 2, Appli
20	48	33.3	139	1 US-08-291-299-6	Sequence 6, Appli
21	48	33.3	139	5 PCT-US95-10579-6	Sequence 6, Appli
22	46	31.9	614	1 US-08-291-299-7	Sequence 7, Appli
23	46	31.9	614	5 PCT-US95-10579-7	Sequence 7, Appli
24	46	31.9	649	4 US-09-188-930-305	Sequence 305, App
25	45	31.2	1190	1 US-08-337-690A-2	Sequence 2, Appli
26	45	31.2	1190	4 US-09-048-887-2	Sequence 2, Appli
27	44	30.6	83	4 US-09-145-828A-2	Sequence 2, Appli

Sequence 12, Appli  
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Sequence 11, Appli  
Patent No. 5223423  
Sequence 24, Appli  
Sequence 6, Appli  
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Sequence 25, Appli  
Sequence 10, Appli  
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Sequence 82, Appli  
Sequence 13, Appli  
Sequence 17, Appli  
Sequence 15, Appli

ALIGNMENTS

RESULT 1  
US-08-909-725-5  
; Sequence 5, Application US/08909725  
; Patent No. 5804421  
; GENERAL INFORMATION:  
; APPLICANT: Vink, Aaron  
; APPLICANT: Pittenger, Gary  
; APPLICANT: Rafaeloff-Phail, Ronit  
; APPLICANT: Barlow, Scott  
; TITLE OF INVENTION: HIGH LEVEL EXPRESSION OF  
; TITLE OF INVENTION: IN GAP IN BACTERIAL AND EUKARYOTIC CELLS  
; NUMBER OF SEQUENCES: 6  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Banner & Witcoff, Ltd.  
; STREET: 1001 G Street, N.W.  
; CITY: Washington  
; STATE: DC  
; COUNTRY: USA  
; ZIP: 20001  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Diskette  
; COMPUTER: IBM Compatible  
; OPERATING SYSTEM: DOS  
; SOFTWARE: FastSeq for Windows Version 2.0  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/909,725  
; FILING DATE: 12-AUG-1997  
; CLASSIFICATION: 435  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 08/741,096  
; FILING DATE: 30-OCT-1996  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Kagan, Sarah A  
; REGISTRATION NUMBER: 32,145  
; REFERENCE/DOCKET NUMBER: 0570.05173  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 202-508-9100  
; TELEFAX: 202-508-9299  
; TELEX: 97430 BMB UT  
; INFORMATION FOR SEQ ID NO: 5:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 26 amino acids  
; TYPE: amino acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: peptide  
US-08-909-725-5

Query Match 100.0%; Score 144; DB 1; Length 26;  
Best Local Similarity 100.0%; Pred. No. 7.9e-14;

Matches 26; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MMLPMTLCRMSWMLLSCLMFLSWVEG 26  
|||||

Db 1 MMLPMTLCRMSWMLLSCLMFLSWVEG 26  
|||||

## RESULT 2

US-08-909-725-6  
; Sequence 6, Application US/08909725  
; Patent No. 5804421  
; GENERAL INFORMATION:  
; APPLICANT: Vinik, Aaron  
; APPLICANT: Pittenger, Gary  
; APPLICANT: Rafaeloff-Phail, Ronit  
; APPLICANT: Barlow, Scott  
; TITLE OF INVENTION: HIGH LEVEL EXPRESSION OF  
; TITLE OF INVENTION: INGP IN BACTERIAL AND EUKARYOTIC CELLS  
; NUMBER OF SEQUENCES: 6  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Banner & Witcoff, Ltd.  
; STREET: 1001 G Street, N.W.  
; CITY: Washington  
; STATE: DC  
; COUNTRY: USA  
; ZIP: 20001  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Diskette  
; COMPUTER: IBM Compatible  
; OPERATING SYSTEM: DOS  
; SOFTWARE: FASTSEQ for Windows Version 2.0  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/909,725  
; FILING DATE: 12-AUG-1997  
; CLASSIFICATION: 435  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 08/741,096  
; FILING DATE: 30-OCT-1996  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Kagan, Sarah A  
; REGISTRATION NUMBER: 32,145  
; REFERENCE/DOCKET NUMBER: 0570.05173  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 202-508-9100  
; TELEFAX: 202-508-9299  
; TELEX: 97430 BMB UT  
; INFORMATION FOR SEQ ID NO: 6:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 175 amino acids  
; TYPE: amino acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: protein  
; US-08-909-725-6

Query Match 100.0%; Score 144; DB 1; Length 175;  
Best Local Similarity 100.0%; Pred. No. 5.5e-13;  
Matches 26; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MMLPMTLCRMSWMLLSCLMFLSWVEG 26  
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Db 1 MMLPMTLCRMSWMLLSCLMFLSWVEG 26  
|||||

## RESULT 3

US-08-401-530A-2  
; Sequence 2, Application US/08401530A  
; Patent No. 5834590  
; GENERAL INFORMATION:  
; APPLICANT: Vinik, Aaron I.  
; APPLICANT: Pittenger, Gary L.  
; APPLICANT: Rafaeloff, Ronit  
; APPLICANT: Rosenberg, Lawrence

; APPLICANT: Duguid, William P.  
; TITLE OF INVENTION: INGP PROTEIN INVOLVED IN PANCREATIC  
; TITLE OF INVENTION: ISLET NEOGENESIS  
; NUMBER OF SEQUENCES: 7  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Banner & Allegretti  
; STREET: 1001 G Street, N.W.  
; CITY: Washington  
; STATE: D.C.  
; COUNTRY: US  
; ZIP: 20001-4597  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/401,530A  
; FILING DATE: 22-FEB-1995  
; CLASSIFICATION: 800  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Kagan, Sarah A.  
; REGISTRATION NUMBER: 32,141  
; REFERENCE/DOCKET NUMBER: 00570.48743  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 202-508-9100  
; TELEFAX: 202-508-9299  
; INFORMATION FOR SEQ ID NO: 2:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 174 amino acids  
; TYPE: amino acid  
; TOPOLOGY: linear  
; MOLECULE TYPE: protein  
; US-08-401-530A-2

Query Match 96.5%; Score 139; DB 2; Length 174;  
Best Local Similarity 100.0%; Pred. No. 2.7e-12;  
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2 MLPMTLCRMSWMLLSCLMFLSWVEG 26  
|||||

Db 1 MLPMTLCRMSWMLLSCLMFLSWVEG 25  
|||||

## RESULT 4

US-08-709-662-2  
; Sequence 2, Application US/08709662  
; Patent No. 5840531  
; GENERAL INFORMATION:  
; APPLICANT: Vinik, Aaron I.  
; APPLICANT: Pittenger, Gary L.  
; APPLICANT: Rafaeloff, Ronit  
; APPLICANT: Rosenberg, Lawrence  
; APPLICANT: Duguid, William P.  
; TITLE OF INVENTION: INGP PROTEIN INVOLVED IN PANCREATIC  
; TITLE OF INVENTION: ISLET NEOGENESIS  
; NUMBER OF SEQUENCES: 7  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Banner & Witcoff, Ltd.  
; STREET: 1001 G Street, N.W.  
; CITY: Washington  
; STATE: D.C.  
; COUNTRY: US  
; ZIP: 20001-4597  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/709,662  
; FILING DATE: 09-SEP-1996  
; CLASSIFICATION: 435



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; ATTORNEY/AGENT INFORMATION:
; NAME: Kagan, Sarah A.
; REGISTRATION NUMBER: 32,141
; REFERENCE/DOCKET NUMBER: 00570.59178
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 202-508-9100
; TELEFAX: 202-508-9299
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 174 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; US-08-709-862-2

Query Match          96.5%; Score 139; DB 2; Length 174;
Best Local Similarity 100.0%; Pred. No. 2.7e-12;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy  2 MLPMTLCRMSWMLLSCLMFLSWVEG 26
    |||||
Db  1 MLPMTLCRMSWMLLSCLMFLSWVEG 25

RESULT 5
US-07-778-156-7
; Sequence 7, Application US/07778156
; Patent No. 5436169
; GENERAL INFORMATION:
; APPLICANT: IOVANNA, JUAN-LUCIO
; APPLICANT: KEIM, VOLKER
; APPLICANT: DAGORN, JEAN-CHARLES
; TITLE OF INVENTION: PROTEIN ASSOCIATED WITH ACUTE
; TITLE OF INVENTION: PANCREATITIS, AGENTS FOR THE DIAGNOSIS OF ACUTE
; TITLE OF INVENTION: PANCREATITIS
; NUMBER OF SEQUENCES: 12
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: OBLON, SPIVAK, MCCLELLAND, MAIER & NEUSTADT,
; ADDRESSEE: P.C.
; STREET: 1755 Jefferson Davis Highway, Fourth Floor
; CITY: Arlington
; STATE: Virginia
; COUNTRY: U.S.A.
; ZIP: 22202
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07778.156
; FILING DATE: 19911219
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Oblon, No. 5436169man F.
; REGISTRATION NUMBER: 24,618
; REFERENCE/DOCKET NUMBER: 354-012-0 PCT
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (703)521-4500
; TELEFAX: (703)486-2347
; TELEX: 248855 OPAT UR
; INFORMATION FOR SEQ ID NO: 7:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 174 amino acids
; TYPE: AMINO ACID
; TOPOLOGY: unknown
; MOLECULE TYPE: protein
; ORIGINAL SOURCE:
; ORGANISM: Homo sapiens
; TISSUE TYPE: pancreas
; US-07-778-156-7

Query Match          59.0%; Score 85; DB 1; Length 174;
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; Best Local Similarity 65.4%; Pred. No. 8.1e-05;
Matches 17; Conservative 3; Mismatches 6; Indels 0; Gaps 0;

Qy  1 MMLPMTLCRMSWMLLSCLMFLSWVEG 26
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Db  1 MLPPMALPSVSWMLLSCLMFLLSQVQG 26

RESULT 6
US-08-822-261-4
; Sequence 4, Application US/08822261
; Patent No. 5935813
; GENERAL INFORMATION:
; APPLICANT: Hillman, Jennifer L.
; APPLICANT: Goli, Surya K.
; TITLE OF INVENTION: NOVEL HUMAN PANCREATITIS-ASSOCIATED
; TITLE OF INVENTION: PROTEIN
; NUMBER OF SEQUENCES: 6
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Incyte Pharmaceuticals, Inc.
; STREET: 3174 Porter Drive
; CITY: Palo Alto
; STATE: CA
; COUNTRY: USA
; ZIP: 94304
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/822.261
; FILING DATE: Filed Herewith
; CLASSIFICATION: 530
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Billings, Lucy J.
; REGISTRATION NUMBER: 36,749
; REFERENCE/DOCKET NUMBER: PF-0251 US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-855-0555
; TELEFAX: 415-845-4166
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 174 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; IMMEDIATE SOURCE:
; LIBRARY: GenBank
; CLONE: 189601
; US-08-822-261-4

Query Match          59.0%; Score 85; DB 2; Length 174;
Best Local Similarity 65.4%; Pred. No. 8.1e-05;
Matches 17; Conservative 3; Mismatches 6; Indels 0; Gaps 0;

Qy  1 MMLPMTLCRMSWMLLSCLMFLSWVEG 26
    | | | | | | | | | | | | | | | | | |
Db  1 MLPPMALPSVSWMLLSCLMFLLSQVQG 26

RESULT 7
US-08-422-166-7
; Sequence 7, Application US/08422166
; Patent No. 5959086
; GENERAL INFORMATION:
; APPLICANT: IOVANNA, JUAN-LUCIO
; APPLICANT: KEIM, VOLKER
; APPLICANT: DAGORN, JEAN-CHARLES
; TITLE OF INVENTION: PROTEIN ASSOCIATED WITH ACUTE
```

```
; TITLE OF INVENTION: PANCREATITIS, AGENTS FOR THE DIAGNOSIS OF ACUTE
; TITLE OF INVENTION: PANCREATITIS
; NUMBER OF SEQUENCES: 12
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: OBLON, SPIVAK, MCLELLAND, MAIER & NEUSTADT,
; ADDRESSEE: P.C.
; STREET: 1755 Jefferson Davis Highway, Fourth Floor
; CITY: Arlington
; STATE: Virginia
; COUNTRY: U.S.A.
; ZIP: 22202
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/422.166
; FILING DATE: 14-APR-1995
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/778,156
; FILING DATE: 19-DEC-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Oblon, No. 5959086man F.
; REGISTRATION NUMBER: 24,618
; REFERENCE/DOCKET NUMBER: 354-012-0 PCT
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (703)521-4500
; TELEFAX: (703)486-2347
; TELEX: 248855 OPAT UR
; INFORMATION FOR SEQ ID NO: 7:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 174 amino acids
; TYPE: amino acid
; TOPOLOGY: unknown
; MOLECULE TYPE: protein
; ORIGINAL SOURCE:
; ORGANISM: Homo sapiens
; TISSUE TYPE: pancreas
; US-08-422-166-7

Query Match 59.0%; Score 85; DB 2; Length 174;
Best Local Similarity 65.4%; Pred. No. 81e-05;
Matches 17; Conservative 3; Mismatches 6; Indels 0; Gaps 0;

Qy 1 MMLPMTLCRMWSMMLLSCLMFLSWVEG 26
   1: ||| :||||||| |||
Db 1 MLPPMALPSVSMMLLSCLMFLLSQVQG 26
   1: ||| :||||||| |||

RESULT 8
US-08-464-637-2
; Sequence 2, Application US/08464637
; Patent No. 5834214
; GENERAL INFORMATION:
; APPLICANT: Iovanna, Juan-Lucio
; APPLICANT: Dagorn, Jean-Charles
; APPLICANT: Keim, Volker
; APPLICANT: Sarles, Jacques
; TITLE OF INVENTION: Detection of Pancreatitis-Associated
; TITLE OF INVENTION: Protein for Diagnosis of Cystic Fibrosis or Pancreatic
; TITLE OF INVENTION: Disease (as amended).
; NUMBER OF SEQUENCES: 2
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Birch, Stewart, Kolasch & Birch, LLP
; STREET: P.O. Box 747
; CITY: Falls Church
; STATE: Virginia
; COUNTRY: USA
; ZIP: 22040-3487
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
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```
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/464,637
; FILING DATE: 30-AUG-1995
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Murphy Jr., Gerald M.
; REGISTRATION NUMBER: 28,977
; REFERENCE/DOCKET NUMBER: 2121-107P
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 703-205-8000
; TELEFAX: 703-205-8050
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 175 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; US-08-464-637-2

Query Match 59.0%; Score 85; DB 2; Length 175;
Best Local Similarity 65.4%; Pred. No. 8.2e-05;
Matches 17; Conservative 3; Mismatches 6; Indels 0; Gaps 0;

Qy 1 MMLPMTLCRMWSMMLLSCLMFLSWVEG 26
   1: ||| :||||||| |||
Db 1 MLPPMALPSVSMMLLSCLMFLLSQVQG 26
   1: ||| :||||||| |||

RESULT 9
US-08-401-530A-4
; Sequence 4, Application US/08401530A
; Patent No. 5834590
; GENERAL INFORMATION:
; APPLICANT: Vinik, Aaron I.
; APPLICANT: Pittenger, Gary L.
; APPLICANT: Rafaeloff, Ronit
; APPLICANT: Rosenberg, Lawrence
; APPLICANT: Duguid, William P.
; TITLE OF INVENTION: INAP PROTEIN INVOLVED IN PANCREATIC
; TITLE OF INVENTION: ISLET NEOGENESIS
; NUMBER OF SEQUENCES: 7
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Banner & Allegretti
; STREET: 1001 G Street, N.W.
; CITY: Washington
; STATE: D.C.
; COUNTRY: US
; ZIP: 20001-4597
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/401,530A
; FILING DATE: 22-FEB-1995
; CLASSIFICATION: 800
; ATTORNEY/AGENT INFORMATION:
; NAME: Kagan, Sarah A.
; REGISTRATION NUMBER: 32,141
; REFERENCE/DOCKET NUMBER: 00570.48743
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 202-508-9100
; TELEFAX: 202-508-9299
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 175 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
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```
; ORIGINAL SOURCE:
; ORGANISM: Homo sapiens
; US-08-401-530A-4

Query Match          59.0%; Score 85; DB 2; Length 175;
Best Local Similarity 65.4%; Pred. No. 8.2e-05;
Matches 17; Conservative 3; Mismatches 6; Indels 0; Gaps 0;

Qy 1 MMLPMTLCRMSWMLLSCLMFLSWVEG 26
   I: ||| :||||||| |||:|
Db 1 MLPPMALPSVSWMLLSCLMFLSQVOG 26

RESULT 10
US-08-709-662-4
; Sequence 4, Application US/08709662
; Patent No. 5840531
; GENERAL INFORMATION:
; APPLICANT: Vinik, Aaron I.
; APPLICANT: Pittenger, Gary L.
; APPLICANT: Rafaeloff, Ronit
; APPLICANT: Rosenberg, Lawrence
; APPLICANT: Duguid, William P.
; TITLE OF INVENTION: INCAP PROTEIN INVOLVED IN PANCREATIC
; TITLE OF INVENTION: ISLET NEOGENESIS
; NUMBER OF SEQUENCES: 7
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Banner & Witcoff, Ltd.
; STREET: 1001 G Street, N.W.
; CITY: Washington
; STATE: D.C.
; COUNTRY: US
; ZIP: 20001-4597
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/709,662
; FILING DATE: 09-SEP-1996
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Kagan, Sarah A.
; REGISTRATION NUMBER: 32,141
; REFERENCE/DOCKET NUMBER: 00570.59178
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 202-508-9100
; TELEFAX: 202-508-9299
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 175 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; ORIGINAL SOURCE:
; ORGANISM: Homo sapiens
; US-08-709-662-4

Query Match          59.0%; Score 85; DB 2; Length 175;
Best Local Similarity 65.4%; Pred. No. 8.2e-05;
Matches 17; Conservative 3; Mismatches 6; Indels 0; Gaps 0;

Qy 1 MMLPMTLCRMSWMLLSCLMFLSWVEG 26
   I: ||| :||||||| |||:|
Db 1 MLPPMALPSVSWMLLSCLMFLSQVOG 26

RESULT 11
US-08-822-261-3
; Sequence 3, Application US/08822261
; Patent No. 5935813
; GENERAL INFORMATION:
; APPLICANT: Hillman, Jennifer L.
; APPLICANT: Goli, Surya K.
; TITLE OF INVENTION: NOVEL HUMAN PANCREATITIS-ASSOCIATED
; TITLE OF INVENTION: PROTEIN
; NUMBER OF SEQUENCES: 6
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Incyte Pharmaceuticals, Inc.
; STREET: 3174 Porter Drive
; CITY: Palo Alto
; STATE: CA
; COUNTRY: USA
; ZIP: 94304
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSEQ for Windows Version 2.0
```

```
; APPLICANT: Hillman, Jennifer L.
; APPLICANT: Goli, Surya K.
; TITLE OF INVENTION: NOVEL HUMAN PANCREATITIS-ASSOCIATED
; TITLE OF INVENTION: PROTEIN
; NUMBER OF SEQUENCES: 6
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Incyte Pharmaceuticals, Inc.
; STREET: 3174 Porter Drive
; CITY: Palo Alto
; STATE: CA
; COUNTRY: USA
; ZIP: 94304
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSEQ for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/822,261
; FILING DATE: Filed Herewith
; CLASSIFICATION: 530
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Billings, Lucy J.
; REGISTRATION NUMBER: 36,749
; REFERENCE/DOCKET NUMBER: PF-0251 US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-855-0555
; TELEFAX: 415-845-4166
; INFORMATION FOR SEQ ID NO: 3:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 175 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; IMMEDIATE SOURCE:
; LIBRARY: GenBank
; CLONE: 262369
; US-08-822-261-3

Query Match          59.0%; Score 85; DB 2; Length 175;
Best Local Similarity 65.4%; Pred. No. 8.2e-05;
Matches 17; Conservative 3; Mismatches 6; Indels 0; Gaps 0;

Qy 1 MMLPMTLCRMSWMLLSCLMFLSWVEG 26
   I: ||| :||||||| |||:|
Db 1 MLPPMALPSVSWMLLSCLMFLSQVOG 26

RESULT 12
US-08-822-261-1
; Sequence 1, Application US/08822261
; Patent No. 5935813
; GENERAL INFORMATION:
; APPLICANT: Hillman, Jennifer L.
; APPLICANT: Goli, Surya K.
; TITLE OF INVENTION: NOVEL HUMAN PANCREATITIS-ASSOCIATED
; TITLE OF INVENTION: PROTEIN
; NUMBER OF SEQUENCES: 6
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Incyte Pharmaceuticals, Inc.
; STREET: 3174 Porter Drive
; CITY: Palo Alto
; STATE: CA
; COUNTRY: USA
; ZIP: 94304
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSEQ for Windows Version 2.0
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;; CURRENT APPLICATION DATA:  
;; APPLICATION NUMBER: US/08/822.261  
;; FILING DATE: Filed Herewith  
;; CLASSIFICATION: 530  
;; PRIOR APPLICATION DATA:  
;; APPLICATION NUMBER:  
;; FILING DATE:  
;; ATTORNEY/AGENT INFORMATION:  
;; NAME: Billings, Lucy J.  
;; REGISTRATION NUMBER: 36,749  
;; REFERENCE/DOCKET NUMBER: PF-0251 US  
;; TELECOMMUNICATION INFORMATION:  
;; TELEPHONE: 415-855-0555  
;; TELEFAX: 415-845-4166  
;; INFORMATION FOR SEQ ID NO: 1:  
;; SEQUENCE CHARACTERISTICS:  
;; LENGTH: 175 amino acids  
;; TYPE: amino acid  
;; STRANDEDNESS: single  
;; TOPOLOGY: linear  
;; IMMEDIATE SOURCE:  
;; LIBRARY: ISLNOT01  
;; CLONE: 2072483  
;; US-08-822-261-1

Query Match 52.8%; Score 76; DB 2; Length 175;  
Best Local Similarity 57.7%; Pred. No. 0.0014;  
Matches 15; Conservative 4; Mismatches 7; Indels 0; Gaps 0;

Qy 1 MMLPMTLCRMWSMLLSCLMFSLWSVEG 26  
| : | | : | | | | | : | : |  
Db 1 MLPPMALPSVSMWLLSCLILLCQVQG 26

RESULT 13  
US-08-401-530A-3  
;; Sequence 3, Application US/08401530A  
;; Patent No. 5834590  
;; GENERAL INFORMATION:  
;; APPLICANT: Vinik, Aaron I.  
;; APPLICANT: Pittenger, Gary L.  
;; APPLICANT: Rafaeloff, Ronit  
;; APPLICANT: Rosenberg, Lawrence  
;; APPLICANT: Duguid, William P.  
;; TITLE OF INVENTION: IN GAP PROTEIN INVOLVED IN PANCREATIC  
;; TITLE OF INVENTION: ISLET NEOGENESIS  
;; NUMBER OF SEQUENCES: 7  
;; CORRESPONDENCE ADDRESS:  
;; ADDRESSEE: Banner & Allegretti  
;; STREET: 1001 G Street, N.W.  
;; CITY: Washington  
;; STATE: D.C.  
;; COUNTRY: US  
;; ZIP: 20001-4597  
;; COMPUTER READABLE FORM:  
;; MEDIUM TYPE: Floppy disk  
;; COMPUTER: IBM PC compatible  
;; OPERATING SYSTEM: PC-DOS/MS-DOS  
;; SOFTWARE: PatentIn Release #1.0, Version #1.25  
;; CURRENT APPLICATION DATA:  
;; APPLICATION NUMBER: US/08/401.530A  
;; FILING DATE: 22-FEB-1995  
;; CLASSIFICATION: 800  
;; ATTORNEY/AGENT INFORMATION:  
;; NAME: Kagan, Sarah A.  
;; REGISTRATION NUMBER: 32,141  
;; REFERENCE/DOCKET NUMBER: 00570.48743  
;; TELECOMMUNICATION INFORMATION:  
;; TELEPHONE: 202-508-9100  
;; TELEFAX: 202-508-9299  
;; INFORMATION FOR SEQ ID NO: 3:  
;; SEQUENCE CHARACTERISTICS:  
;; LENGTH: 175 amino acids

;; TYPE: amino acid  
;; TOPOLOGY: linear  
;; MOLECULE TYPE: protein  
;; ANTI-SENSE: NO  
;; ORIGINAL SOURCE:  
;; ORGANISM: Rattus rattus  
;; US-08-401-530A-3  
  
Query Match 50.7%; Score 73; DB 2; Length 175;  
Best Local Similarity 82.4%; Pred. No. 0.0038;  
Matches 14; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

Qy 10 MSWMLLSCLMFSLWSVEG 26  
| | | | | | | | | | | : |  
Db 10 MSWMLLSCLMLLSQVQG 26

RESULT 14  
US-08-709-662-3  
;; Sequence 3, Application US/08709662  
;; Patent No. 5840531  
;; GENERAL INFORMATION:  
;; APPLICANT: Vinik, Aaron I.  
;; APPLICANT: Pittenger, Gary L.  
;; APPLICANT: Rafaeloff, Ronit  
;; APPLICANT: Rosenberg, Lawrence  
;; APPLICANT: Duguid, William P.  
;; TITLE OF INVENTION: IN GAP PROTEIN INVOLVED IN PANCREATIC  
;; TITLE OF INVENTION: ISLET NEOGENESIS  
;; NUMBER OF SEQUENCES: 7  
;; CORRESPONDENCE ADDRESS:  
;; ADDRESSEE: Banner & Witcoff, Ltd.  
;; STREET: 1001 G Street, N.W.  
;; CITY: Washington  
;; STATE: D.C.  
;; COUNTRY: US  
;; ZIP: 20001-4597  
;; COMPUTER READABLE FORM:  
;; MEDIUM TYPE: Floppy disk  
;; COMPUTER: IBM PC compatible  
;; OPERATING SYSTEM: PC-DOS/MS-DOS  
;; SOFTWARE: PatentIn Release #1.0, Version #1.25  
;; CURRENT APPLICATION DATA:  
;; APPLICATION NUMBER: US/08/709.662  
;; FILING DATE: 09-SEP-1996  
;; CLASSIFICATION: 435  
;; ATTORNEY/AGENT INFORMATION:  
;; NAME: Kagan, Sarah A.  
;; REGISTRATION NUMBER: 32,141  
;; REFERENCE/DOCKET NUMBER: 00570.59178  
;; TELECOMMUNICATION INFORMATION:  
;; TELEPHONE: 202-508-9100  
;; TELEFAX: 202-508-9299  
;; INFORMATION FOR SEQ ID NO: 3:  
;; SEQUENCE CHARACTERISTICS:  
;; LENGTH: 175 amino acids  
;; TYPE: amino acid  
;; TOPOLOGY: linear  
;; MOLECULE TYPE: protein  
;; ANTI-SENSE: NO  
;; ORIGINAL SOURCE:  
;; ORGANISM: Rattus rattus  
;; US-08-709-662-3

Query Match 50.7%; Score 73; DB 2; Length 175;  
Best Local Similarity 82.4%; Pred. No. 0.0038;  
Matches 14; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

Qy 10 MSWMLLSCLMFSLWSVEG 26  
| | | | | | | | | | | : |  
Db 10 MSWMLLSCLMLLSQVQG 26

Query Match 50.7%; Score 73; DB 1; Length 184;  
Best Local Similarity 82.4%; Pred. No. 0.004;  
Matches 14; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

Qy	10	MSWMLLSCLMFLSWVEG	26
			1:1
Db	10	MSWMLLSCLMFLSQVQG	26

Search completed: February 13, 2003, 22:52:19  
Job time : 4.23383 secs



Result No.	Score	Query		Length	DB	ID	Description
		Match					
1	85	59.0	106	10	US-09-925-301-1553		Sequence 1553, App
2	85	59.0	183	10	US-09-925-301-1013		Sequence 1013, App
3	76	52.8	175	9	US-09-978-295A-452		Sequence 452, App
4	76	52.8	175	9	US-09-978-697-452		Sequence 452, App
5	76	52.8	175	9	US-09-978-192A-452		Sequence 452, App
6	76	52.8	175	9	US-09-999-832A-452		Sequence 452, App
7	76	52.8	175	9	US-09-978-189-452		Sequence 452, App
8	76	52.8	175	9	US-10-174-590-424		Sequence 424, App
9	76	52.8	175	9	US-10-176-758-424		Sequence 424, App
10	76	52.8	175	9	US-10-175-737-424		Sequence 424, App
11	76	52.8	175	9	US-10-173-706-424		Sequence 424, App
12	76	52.8	175	9	US-10-175-738-424		Sequence 424, App
13	76	52.8	175	9	US-10-175-752-424		Sequence 424, App
14	76	52.8	175	9	US-10-176-482-424		Sequence 424, App
15	76	52.8	175	9	US-10-176-757-424		Sequence 424, App
16	76	52.8	175	9	US-10-176-913-424		Sequence 424, App
17	76	52.8	175	9	US-10-180-552-424		Sequence 424, App
18	76	52.8	175	9	US-10-180-557-424		Sequence 424, App
19	76	52.8	175	9	US-10-173-700-424		Sequence 424, App

RESULT 2  
 US-09-925-301-1013  
 ; Sequence 1013, Application US/09925301  
 ; Patent No. US20020052308A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Rosen et al.  
 ; TITLE OF INVENTION: Nucleic Acids, Proteins and Antibodies  
 ; FILE REFERENCE: PA106  
 ; CURRENT APPLICATION NUMBER: US/09/925,301  
 ; CURRENT FILING DATE: 2001-08-10  
 ; PRIOR APPLICATION NUMBER: PCT/US00/05882  
 ; PRIOR FILING DATE: 2000-03-08  
 ; PRIOR APPLICATION NUMBER: 60/124,270  
 ; PRIOR FILING DATE: 1999-03-12  
 ; NUMBER OF SEQ ID NOS: 1694  
 ; SOFTWARE: PatentIn Ver. 2.0  
 ; SEQ ID NO 1013  
 ; LENGTH: 183  
 ; TYPE: PRT  
 ; ORGANISM: Homo sapiens  
 US-09-925-301-1013

Query Match 59.0%; Score 85; DB 10; Length 183;  
 Best Local Similarity 65.4%; Pred. No. 0.00035;  
 Matches 17; Conservative 3; Mismatches 6; Indels 0; Gaps 0;

QY 1 MMLPWTLCRMWMLLSCLMFLSWEG 26  
 I: ||| :||||||| ||| :||  
 Db 9 MLPPMALPSVSMWMLLSCLMFLSQVG 34

RESULT 3  
 US-09-978-295A-452  
 ; Sequence 452, Application US/09978295A  
 ; Patent No. US20020156006A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Ashkenazi, Avi  
 ; APPLICANT: Baker Kevin P.  
 ; APPLICANT: Bolstein, David  
 ; APPLICANT: Desnoyers, Luc  
 ; APPLICANT: Eaton, Dan  
 ; APPLICANT: Ferrara, Napoleon  
 ; APPLICANT: Filvaroff, Ellen  
 ; APPLICANT: Fong, Sherman  
 ; APPLICANT: Gao, Wei-Qiang  
 ; APPLICANT: Gerber, Hanspeter  
 ; APPLICANT: Gerritsen, Mary E.  
 ; APPLICANT: Goddard, Audrey  
 ; APPLICANT: Godowski, Paul J.  
 ; APPLICANT: Grimaldi, J. Christopher  
 ; APPLICANT: Gurney, Austin L.  
 ; APPLICANT: Hillan, Kenneth J.  
 ; APPLICANT: Kljavin, Ivar J.  
 ; APPLICANT: Kuo, Sophia S.  
 ; APPLICANT: Napier, Mary A.  
 ; APPLICANT: Pan, James  
 ; APPLICANT: Paoni, Nicholas F.  
 ; APPLICANT: Roy, Margaret Ann  
 ; APPLICANT: Shelton, David L.  
 ; APPLICANT: Stewart, Timothy A.  
 ; APPLICANT: Tumas, Daniel  
 ; APPLICANT: Williams, P. Mickey  
 ; APPLICANT: Wood, William I.  
 ; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
 ; FILE REFERENCE: P2630P1C11  
 ; CURRENT APPLICATION NUMBER: US/09/978,295A  
 ; CURRENT FILING DATE: 2001-10-15  
 ; PRIOR APPLICATION NUMBER: 09/918585  
 ; PRIOR FILING DATE: 2001-07-30  
 ; PRIOR APPLICATION NUMBER: 60/062250

; PRIOR FILING DATE: 1997-10-17  
 ; PRIOR APPLICATION NUMBER: 60/064249  
 ; PRIOR FILING DATE: 1997-11-03  
 ; PRIOR APPLICATION NUMBER: 60/065311  
 ; PRIOR FILING DATE: 1997-11-13  
 ; PRIOR APPLICATION NUMBER: 60/066364  
 ; PRIOR FILING DATE: 1997-11-21  
 ; PRIOR APPLICATION NUMBER: 60/077450  
 ; PRIOR FILING DATE: 1998-03-10  
 ; PRIOR APPLICATION NUMBER: 60/077632  
 ; PRIOR FILING DATE: 1998-03-11  
 ; PRIOR APPLICATION NUMBER: 60/077641  
 ; PRIOR FILING DATE: 1998-03-11  
 ; PRIOR APPLICATION NUMBER: 60/077649  
 ; PRIOR FILING DATE: 1998-03-11  
 ; PRIOR APPLICATION NUMBER: 60/077791  
 ; PRIOR FILING DATE: 1998-03-12  
 ; PRIOR APPLICATION NUMBER: 60/078004  
 ; PRIOR FILING DATE: 1998-03-13  
 ; PRIOR APPLICATION NUMBER: 60/078886  
 ; PRIOR FILING DATE: 1998-03-20  
 ; PRIOR APPLICATION NUMBER: 60/078936  
 ; PRIOR FILING DATE: 1998-03-20  
 ; PRIOR APPLICATION NUMBER: 60/078910  
 ; PRIOR FILING DATE: 1998-03-20  
 ; PRIOR APPLICATION NUMBER: 60/078939  
 ; PRIOR FILING DATE: 1998-03-20  
 ; PRIOR APPLICATION NUMBER: 60/079294  
 ; PRIOR FILING DATE: 1998-03-25  
 ; PRIOR APPLICATION NUMBER: 60/079656  
 ; PRIOR FILING DATE: 1998-03-26  
 ; PRIOR APPLICATION NUMBER: 60/079664  
 ; PRIOR FILING DATE: 1998-03-27  
 ; PRIOR APPLICATION NUMBER: 60/079689  
 ; PRIOR FILING DATE: 1998-03-27  
 ; PRIOR APPLICATION NUMBER: 60/079663  
 ; PRIOR FILING DATE: 1998-03-27  
 ; PRIOR APPLICATION NUMBER: 60/079728  
 ; PRIOR FILING DATE: 1998-03-27  
 ; PRIOR APPLICATION NUMBER: 60/079786  
 ; PRIOR FILING DATE: 1998-03-27  
 ; PRIOR APPLICATION NUMBER: 60/079920  
 ; PRIOR FILING DATE: 1998-03-30  
 ; PRIOR APPLICATION NUMBER: 60/079923  
 ; PRIOR FILING DATE: 1998-03-30  
 ; PRIOR APPLICATION NUMBER: 60/080105  
 ; PRIOR FILING DATE: 1998-03-31  
 ; PRIOR APPLICATION NUMBER: 60/080107  
 ; PRIOR FILING DATE: 1998-03-31  
 ; PRIOR APPLICATION NUMBER: 60/080165  
 ; PRIOR FILING DATE: 1998-03-31  
 ; PRIOR APPLICATION NUMBER: 60/080194  
 ; PRIOR FILING DATE: 1998-03-31  
 ; PRIOR APPLICATION NUMBER: 60/080327  
 ; PRIOR FILING DATE: 1998-04-01  
 ; PRIOR APPLICATION NUMBER: 60/080328  
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 ; PRIOR APPLICATION NUMBER: 60/080333  
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 ; PRIOR APPLICATION NUMBER: 60/081195  
 ; PRIOR FILING DATE: 1998-04-08  
 ; PRIOR APPLICATION NUMBER: 60/081203  
 ; PRIOR FILING DATE: 1998-04-09  
 ; PRIOR APPLICATION NUMBER: 60/081229  
 ; PRIOR FILING DATE: 1998-04-09



; PRIOR APPLICATION NUMBER: 60/081955  
; PRIOR FILING DATE: 1998-04-15  
; PRIOR APPLICATION NUMBER: 60/081817  
; PRIOR FILING DATE: 1998-04-15  
; PRIOR APPLICATION NUMBER: 60/081819  
; PRIOR FILING DATE: 1998-04-15  
; PRIOR APPLICATION NUMBER: 60/081952  
; PRIOR FILING DATE: 1998-04-15  
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; PRIOR APPLICATION NUMBER: 60/085339  
; PRIOR FILING DATE: 1998-05-13  
; PRIOR APPLICATION NUMBER: 60/085338  
; PRIOR FILING DATE: 1998-05-13  
; PRIOR APPLICATION NUMBER: 60/085323

; PRIOR FILING DATE: 1998-05-13  
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; PRIOR FILING DATE: 1998-05-15  
; PRIOR APPLICATION NUMBER: 60/085700  
; PRIOR FILING DATE: 1998-05-15  
; PRIOR APPLICATION NUMBER: 60/085689  
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; PRIOR FILING DATE: 1998-05-15  
; PRIOR APPLICATION NUMBER: 60/085580  
; PRIOR FILING DATE: 1998-05-15  
; PRIOR APPLICATION NUMBER: 60/085573  
; PRIOR FILING DATE: 1998-05-15  
; PRIOR APPLICATION NUMBER: 60/085704  
; PRIOR FILING DATE: 1998-05-15  
; PRIOR APPLICATION NUMBER: 60/085697

Query Match 52.8%; Score 76; DB 9; Length 175;  
Best Local Similarity 57.7%; Pred. No. 0.0046;  
Matches 15; Conservative 4; Mismatches 7; Indels 0; Gaps 0;

Qy 1 MWLPMTLGRMSWMLLSCLMFLSWVEG 26  
I: ||| :|||||: | |:  
Db 1 MLPPMALPSVSWMLLSCLLILCQVQG 26

## RESULT 4

US-09-978-697-452  
; Sequence 452, Application US/09978697  
; Patent No. US20020169284A1  
; GENERAL INFORMATION:  
; APPLICANT: Ashkenazi, Avi  
; APPLICANT: Baker Kevin P.  
; APPLICANT: Botstein, David  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Eaton, Dan  
; APPLICANT: Ferrara, Napoleon  
; APPLICANT: Filvaroff, Ellen  
; APPLICANT: Fong, Sherman  
; APPLICANT: Gao, Wei-Qiang  
; APPLICANT: Gerber, Hanspeter  
; APPLICANT: Gerritsen, Mary E.  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Grimaldi, J. Christopher  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Hillan, Kenneth J.  
; APPLICANT: Kljavin, Ivar J.  
; APPLICANT: Kuo, Sophia S.  
; APPLICANT: Napier, Mary A.  
; APPLICANT: Pan, James  
; APPLICANT: Paoni, Nicholas F.  
; APPLICANT: Roy, Margaret Ann  
; APPLICANT: Shelton, David L.  
; APPLICANT: Stewart, Timothy A.  
; APPLICANT: Tumas, Daniel  
; APPLICANT: Williams, P. Mickey  
; APPLICANT: Wood, William I.  
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
; FILE REFERENCE: P2630P1C27  
; CURRENT APPLICATION NUMBER: US/09/978,697  
; PRIOR FILING DATE: 2001-10-16  
; PRIOR APPLICATION NUMBER: 09/918585  
; PRIOR FILING DATE: 2001-07-30  
; PRIOR APPLICATION NUMBER: 60/062250  
; PRIOR FILING DATE: 1997-10-17  
; PRIOR APPLICATION NUMBER: 60/064249  
; PRIOR FILING DATE: 1997-11-03  
; PRIOR APPLICATION NUMBER: 60/065311  
; PRIOR FILING DATE: 1997-11-13  
; PRIOR APPLICATION NUMBER: 60/066364  
; PRIOR FILING DATE: 1997-11-21







; PRIOR APPLICATION NUMBER: 60/078936  
 ; PRIOR FILING DATE: 1998-03-20  
 ; PRIOR APPLICATION NUMBER: 60/078910  
 ; PRIOR FILING DATE: 1998-03-20  
 ; PRIOR APPLICATION NUMBER: 60/078939  
 ; PRIOR FILING DATE: 1998-03-20  
 ; PRIOR APPLICATION NUMBER: 60/079294  
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 ; PRIOR FILING DATE: 1998-03-27  
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; PRIOR FILING DATE: 1998-04-22  
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 ; PRIOR APPLICATION NUMBER: 60/085704  
 ; PRIOR FILING DATE: 1998-05-15  
 ; PRIOR APPLICATION NUMBER: 60/085697

Query Match 52.8%; Score 76; DB 9; Length 175;  
 Best Local Similarity 57.7%; Pred. No. 0.0046;  
 Matches 15; Conservative 4; Mismatches 7; Indels 0; Gaps 0;



; PRIOR APPLICATION NUMBER: 60/083392  
; PRIOR FILING DATE: 1998-04-29  
; PRIOR APPLICATION NUMBER: 60/083495  
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; PRIOR APPLICATION NUMBER: 60/083500  
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; PRIOR APPLICATION NUMBER: 60/083742  
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; PRIOR FILING DATE: 1998-05-05  
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; PRIOR APPLICATION NUMBER: 60/084441  
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; PRIOR FILING DATE: 1998-05-07  
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; PRIOR APPLICATION NUMBER: 60/085582  
; PRIOR FILING DATE: 1998-05-15  
; PRIOR APPLICATION NUMBER: 60/085700  
; PRIOR FILING DATE: 1998-05-15  
; PRIOR APPLICATION NUMBER: 60/085689  
; PRIOR FILING DATE: 1998-05-15  
; PRIOR APPLICATION NUMBER: 60/085579  
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; PRIOR FILING DATE: 1998-05-15  
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; PRIOR FILING DATE: 1998-05-15  
; PRIOR APPLICATION NUMBER: 60/085704  
; PRIOR FILING DATE: 1998-05-15  
; PRIOR APPLICATION NUMBER: 60/085697

Query Match 52.8%; Score 76; DB 9; Length 175;  
Best Local Similarity 57.7%; Pred. No. 0.0046;  
Matches 15; Conservative 4; Mismatches 7; Indels 0; Gaps 0;

Qy 1 MMLPMTLCRMSWMLLSCLMFLSWVEG 26  
I: ||| :|||||||: | :|  
Db 1 MLPPMALPSVSWMLLSCLLILCQVQG 26

RESULT 8

US-10-174-590-424

; Sequence 424, Application US/10174590  
; Publication No. US20030008352A1  
; GENERAL INFORMATION:  
; APPLICANT: Baker, Kevin P.  
; APPLICANT: Chen, Jian  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Pan, James  
; APPLICANT: Smith, Victoria  
; APPLICANT: Watanabe, Colin K.  
; APPLICANT: Wood, William I.  
; APPLICANT: Zhang, Zemin  
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
; FILE REFERENCE: P3430R1C42  
; CURRENT APPLICATION NUMBER: US/10/174,590  
; CURRENT FILING DATE: 2002-06-18  
; Prior application removed - See File Wrapper or Palm  
; NUMBER OF SEQ ID NOS: 612  
; SEQ ID NO 424  
; LENGTH: 175  
; TYPE: PRT  
; ORGANISM: Homo Sapien  
US-10-174-590-424

Query Match 52.8%; Score 76; DB 9; Length 175;  
Best Local Similarity 57.7%; Pred. No. 0.0046;  
Matches 15; Conservative 4; Mismatches 7; Indels 0; Gaps 0;

Qy 1 MMLPMTLCRMSWMLLSCLMFLSWVEG 26  
I: ||| :|||||||: | :|  
Db 1 MLPPMALPSVSWMLLSCLLILCQVQG 26

RESULT 9

US-10-176-758-424

; Sequence 424, Application US/10176758  
; Publication No. US20030008353A1  
; GENERAL INFORMATION:  
; APPLICANT: Baker, Kevin P.  
; APPLICANT: Chen, Jian  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Pan, James  
; APPLICANT: Smith, Victoria  
; APPLICANT: Watanabe, Colin K.  
; APPLICANT: Wood, William I.  
; APPLICANT: Zhang, Zemin  
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
; FILE REFERENCE: P3430R1C104  
; CURRENT APPLICATION NUMBER: US/10/176,758  
; CURRENT FILING DATE: 2002-06-21  
; Prior application removed - See File Wrapper or Palm  
; NUMBER OF SEQ ID NOS: 612  
; SEQ ID NO 424  
; LENGTH: 175  
; TYPE: PRT  
; ORGANISM: Homo Sapien  
US-10-176-758-424

Query Match 52.8%; Score 76; DB 9; Length 175;  
Best Local Similarity 57.7%; Pred. No. 0.0046;  
Matches 15; Conservative 4; Mismatches 7; Indels 0; Gaps 0;

Qy 1 MMLPMTLCRMSWMLLSCLMFLSWVEG 26  
I: ||| :|||||||: | :|  
Db 1 MLPPMALPSVSWMLLSCLLILCQVQG 26

RESULT 10  
US-10-175-737-424  
; Sequence 424, Application US/10175737  
; Publication No. US20030013153A1  
; GENERAL INFORMATION:  
; APPLICANT: Baker, Kevin P.  
; APPLICANT: Chen, Jian  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Pan, James  
; APPLICANT: Smith, Victoria  
; APPLICANT: Watanabe, Colin K.  
; APPLICANT: Wood, William I.  
; APPLICANT: Zhang, Zemin  
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
; FILE REFERENCE: P3430R1C50  
; CURRENT APPLICATION NUMBER: US/10/175,737  
; CURRENT FILING DATE: 2002-06-19  
; Prior Application removed - See File Wrapper or Palm  
; NUMBER OF SEQ ID NOS: 612  
; SEQ ID NO 424  
; LENGTH: 175  
; TYPE: PRT  
; ORGANISM: Homo Sapien  
US-10-175-737-424

Query Match 52.8%; Score 76; DB 9; Length 175;  
Best Local Similarity 57.7%; Pred. No. 0.0046;  
Matches 15; Conservative 4; Mismatches 7; Indels 0; Gaps 0;

Qy 1 MMLPMTLCRMSWMLLSCLMFLSWVEG 26  
I: ||| :|||||: | |:  
Db 1 MLPPMALPSVSWMLLSCLILLCQVQG 26

RESULT 11  
US-10-173-706-424  
; Sequence 424, Application US/10173706  
; Publication No. US20030022293A1  
; GENERAL INFORMATION:  
; APPLICANT: Baker, Kevin P.  
; APPLICANT: Chen, Jian  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Pan, James  
; APPLICANT: Smith, Victoria  
; APPLICANT: Watanabe, Colin K.  
; APPLICANT: Wood, William I.  
; APPLICANT: Zhang, Zemin  
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
; FILE REFERENCE: P3430R1C7  
; CURRENT APPLICATION NUMBER: US/10/173,706  
; CURRENT FILING DATE: 2002-06-17  
; Prior Application removed - See File Wrapper or Palm  
; NUMBER OF SEQ ID NOS: 612  
; SEQ ID NO 424  
; LENGTH: 175  
; TYPE: PRT  
; ORGANISM: Homo Sapien  
US-10-173-706-424

Query Match 52.8%; Score 76; DB 9; Length 175;  
Best Local Similarity 57.7%; Pred. No. 0.0046;  
Matches 15; Conservative 4; Mismatches 7; Indels 0; Gaps 0;

Qy 1 MMLPMTLCRMSWMLLSCLMFLSWVEG 26

Db 1 MLPPMALPSVSWMLLSCLILLCQVQG 26  
I: ||| :|||||: | |:

RESULT 12  
US-10-175-738-424  
; Sequence 424, Application US/10175738  
; Publication No. US20030022294A1  
; GENERAL INFORMATION:  
; APPLICANT: Baker, Kevin P.  
; APPLICANT: Chen, Jian  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Pan, James  
; APPLICANT: Smith, Victoria  
; APPLICANT: Watanabe, Colin K.  
; APPLICANT: Wood, William I.  
; APPLICANT: Zhang, Zemin  
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
; FILE REFERENCE: P3430R1C45  
; CURRENT APPLICATION NUMBER: US/10/175,738  
; CURRENT FILING DATE: 2002-06-19  
; Prior Application removed - See File Wrapper or Palm  
; NUMBER OF SEQ ID NOS: 612  
; SEQ ID NO 424  
; LENGTH: 175  
; TYPE: PRT  
; ORGANISM: Homo Sapien  
US-10-175-738-424

Query Match 52.8%; Score 76; DB 9; Length 175;  
Best Local Similarity 57.7%; Pred. No. 0.0046;  
Matches 15; Conservative 4; Mismatches 7; Indels 0; Gaps 0;

Qy 1 MMLPMTLCRMSWMLLSCLMFLSWVEG 26  
I: ||| :|||||: | |:  
Db 1 MLPPMALPSVSWMLLSCLILLCQVQG 26

RESULT 13  
US-10-175-752-424  
; Sequence 424, Application US/10175752  
; Publication No. US20030022295A1  
; GENERAL INFORMATION:  
; APPLICANT: Baker, Kevin P.  
; APPLICANT: Chen, Jian  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Pan, James  
; APPLICANT: Smith, Victoria  
; APPLICANT: Watanabe, Colin K.  
; APPLICANT: Wood, William I.  
; APPLICANT: Zhang, Zemin  
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
; FILE REFERENCE: P3430R1C60  
; CURRENT APPLICATION NUMBER: US/10/175,752  
; CURRENT FILING DATE: 2002-06-19  
; Prior Application removed - See File Wrapper or Palm  
; NUMBER OF SEQ ID NOS: 612  
; SEQ ID NO 424  
; LENGTH: 175  
; TYPE: PRT  
; ORGANISM: Homo Sapien  
US-10-175-752-424

Query Match 52.8%; Score 76; DB 9; Length 175;  
Best Local Similarity 57.7%; Pred. No. 0.0046;



Matches 15; Conservative 4; Mismatches 7; Indels 0; Gaps 0;

QY 1 MMPLPMTLCRMSWMLLSCLMFLSWVEG 26  
I: ||| :|||||||: | I:|  
Db 1 MLPPMALPSVSWMLLSCLILLCQVQG 26

Query Match 52.8%; Score 76; DB 9; Length 175;  
Best Local Similarity 57.7%; Pred. No. 0.0046;  
Matches 15; Conservative 4; Mismatches 7; Indels 0; Gaps 0;  
QY 1 MMPLPMTLCRMSWMLLSCLMFLSWVEG 26  
I: ||| :|||||||: | I:|  
Db 1 MLPPMALPSVSWMLLSCLILLCQVQG 26

Search completed: February 14, 2003, 02:28:18  
Job time : 11.607 secs

RESULT 14  
US-10-176-482-424  
; Sequence 424, Application US/10176482  
; Publication No. US20030022296A1  
; GENERAL INFORMATION:  
; APPLICANT: Baker, Kevin P.  
; APPLICANT: Chen, Jian  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Pan, James  
; APPLICANT: Smith, Victoria  
; APPLICANT: Watanabe, Colin K.  
; APPLICANT: Wood, William I.  
; APPLICANT: Zhang, Zemin  
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
; FILE REFERENCE: P3430RIC70  
; CURRENT APPLICATION NUMBER: US/10/176,482  
; Prior Application removed - See File Wrapper or Palm  
; NUMBER OF SEQ ID NOS: 612  
; SEQ ID NO 424  
; LENGTH: 175  
; TYPE: PRT  
; ORGANISM: Homo Sapien  
US-10-176-482-424

Query Match 52.8%; Score 76; DB 9; Length 175;  
Best Local Similarity 57.7%; Pred. No. 0.0046;  
Matches 15; Conservative 4; Mismatches 7; Indels 0; Gaps 0;

QY 1 MMPLPMTLCRMSWMLLSCLMFLSWVEG 26  
I: ||| :|||||||: | I:|  
Db 1 MLPPMALPSVSWMLLSCLILLCQVQG 26

RESULT 15  
US-10-176-757-424  
; Sequence 424, Application US/10176757  
; Publication No. US20030022297A1  
; GENERAL INFORMATION:  
; APPLICANT: Baker, Kevin P.  
; APPLICANT: Chen, Jian  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Pan, James  
; APPLICANT: Smith, Victoria  
; APPLICANT: Watanabe, Colin K.  
; APPLICANT: Wood, William I.  
; APPLICANT: Zhang, Zemin  
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
; FILE REFERENCE: P3430RIC86  
; CURRENT APPLICATION NUMBER: US/10/176,757  
; Prior Application removed - See File Wrapper or Palm  
; NUMBER OF SEQ ID NOS: 612  
; SEQ ID NO 424  
; LENGTH: 175  
; TYPE: PRT  
; ORGANISM: Homo Sapien  
US-10-176-757-424



GenCore version 5.1.3  
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OM protein - protein search, using sw model

Run on: February 13, 2003, 22:30:21 ; Search time 21.7662 Seconds  
(without alignments)  
236.560 Million cell updates/sec

Title: US-09-659-379-6

Perfect score: 963

Sequence: 1 MMLPMTLCRMSWMLLSCLMF.....QKWRDFNCENELPYICKFKV 175

Scoring table: BLOSUM62

Gapop 10.0 , Gapext 0.5

Searched: 262574 seqs, 29422922 residues

Total number of hits satisfying chosen parameters: 262574

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database :

- Issued\_Patents\_AA.\*  
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6: /cgn2\_6/ptodata/2/iaa/backfiles1.pep.\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	963	100.0	175	1 US-08-909-725-6	Sequence 6, Appli
2	958	99.5	174	2 US-08-401-530A-2	Sequence 2, Appli
3	958	99.5	174	2 US-08-709-662-2	Sequence 2, Appli
4	598	62.1	175	2 US-08-401-530A-3	Sequence 3, Appli
5	598	62.1	175	2 US-08-709-662-3	Sequence 3, Appli
6	576	59.8	175	2 US-08-464-637-2	Sequence 2, Appli
7	576	59.8	175	2 US-08-401-530A-4	Sequence 4, Appli
8	576	59.8	175	2 US-08-709-662-4	Sequence 4, Appli
9	576	59.8	175	2 US-08-822-261-3	Sequence 3, Appli
10	570	59.2	174	1 US-07-778-156-7	Sequence 7, Appli
11	570	59.2	174	2 US-08-822-261-4	Sequence 4, Appli
12	570	59.2	174	2 US-08-422-166-7	Sequence 7, Appli
13	561	58.3	175	2 US-08-822-261-1	Sequence 1, Appli
14	557	57.8	184	1 US-07-778-156-2	Sequence 2, Appli
15	557	57.8	184	2 US-08-422-166-2	Sequence 2, Appli
16	518	53.8	174	2 US-08-401-530A-5	Sequence 5, Appli
17	518	53.8	174	2 US-08-709-662-5	Sequence 5, Appli
18	484	50.3	158	1 US-07-778-156-3	Sequence 3, Appli
19	484	50.3	158	2 US-08-422-166-3	Sequence 3, Appli
20	466	48.4	174	2 US-08-401-530A-6	Sequence 6, Appli
21	466	48.4	174	2 US-08-709-662-6	Sequence 6, Appli
22	402.5	41.8	166	2 US-08-729-103-4	Sequence 4, Appli
23	395.5	41.1	165	2 US-08-401-530A-7	Sequence 7, Appli
24	395.5	41.1	165	2 US-08-729-103-3	Sequence 3, Appli
25	395.5	41.1	165	2 US-08-709-662-7	Sequence 7, Appli
26	257.5	26.7	117	6 5514582-15	Patent No. 5514582
27	193	20.0	134	1 US-07-893-929A-2	Sequence 2, Appli

Sequence 2, Appli  
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Sequence 2, Appli  
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Sequence 9, Appli  
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Sequence 1, Appli  
Sequence 4, Appli  
Sequence 4, Appli

ALIGNMENTS

RESULT 1  
US-08-909-725-6  
; Sequence 6, Application US/08909725  
; Patent No. 5804421  
; GENERAL INFORMATION:  
; APPLICANT: Vinik, Aaron  
; APPLICANT: Pittenger, Gary  
; APPLICANT: Rafaeloff-Phail, Ronit  
; APPLICANT: Barlow, Scott  
; TITLE OF INVENTION: HIGH LEVEL EXPRESSION OF  
; TITLE OF INVENTION: IN GAP IN BACTERIAL AND EUKARYOTIC CELLS  
; NUMBER OF SEQUENCES: 6  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Banner & Witcoff, Ltd.  
; STREET: 1001 G Street, N.W.  
; CITY: Washington  
; STATE: DC  
; COUNTRY: USA  
; ZIP: 20001  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Diskette  
; COMPUTER: IBM Compatible  
; OPERATING SYSTEM: DOS  
; SOFTWARE: FastSeq for Windows Version 2.0  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/909,725  
; FILING DATE: 12-AUG-1997  
; CLASSIFICATION: 435  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 08/741,096  
; FILING DATE: 30-OCT-1996  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Kagan, Sarah A  
; REGISTRATION NUMBER: 32,145  
; REFERENCE/DOCKET NUMBER: 0570.05173  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 202-508-9100  
; TELEFAX: 202-508-9299  
; TELEX: 97430 BMB UT  
; INFORMATION FOR SEQ ID NO: 6:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 175 amino acids  
; TYPE: amino acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: protein  
; US-08-909-725-6

Query Match 100.0%; Score 963; DB 1; Length 175;  
Best Local Similarity 100.0%; Pred. No. 1e-98;

Matches 175; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MMLPMTLCRMSWMLLSCLMFLSWVEGESQKLPSSRITCPQGSVAYGSCYSLILIPQT 60  
 Db 1 MMLPMTLCRMSWMLLSCLMFLSWVEGESQKLPSSRITCPQGSVAYGSCYSLILIPQT 60  
 Qy 61 WSNALSCOMHFSGHFLAFLSTGETTFVSSLVKNSLTAYQYIWIHLDPHSHGTLPLNGSGW 120  
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 Qy 121 KWSSNVLTFFYNWERNPSIAADRGYCAVLSQKSGFQKWRDFNCENELPYICKFKV 175  
 Db 121 KWSSNVLTFFYNWERNPSIAADRGYCAVLSQKSGFQKWRDFNCENELPYICKFKV 175

RESULT 2  
 US-08-401-530A-2  
 ; Sequence 2, Application US/08401530A  
 ; Patent No. 5834590  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Vinik, Aaron I.  
 ; APPLICANT: Pittenger, Gary L.  
 ; APPLICANT: Rafaeloff, Ronit  
 ; APPLICANT: Rosenberg, Lawrence  
 ; APPLICANT: Duguid, William P.  
 ; TITLE OF INVENTION: IN GAP PROTEIN INVOLVED IN PANCREATIC  
 ; TITLE OF INVENTION: ISLET NEOGENESIS  
 ; NUMBER OF SEQUENCES: 7  
 ; CORRESPONDENCE ADDRESS:  
 ; ADDRESSEE: Banner & Allegretti  
 ; STREET: 1001 G Street, N.W.  
 ; CITY: Washington  
 ; STATE: D.C.  
 ; COUNTRY: US  
 ; ZIP: 20001-4597  
 ; COMPUTER READABLE FORM:  
 ; MEDIUM TYPE: Floppy disk  
 ; COMPUTER: IBM PC compatible  
 ; OPERATING SYSTEM: PC-DOS/MS-DOS  
 ; SOFTWARE: PatentIn Release #1.0, Version #1.25  
 ; CURRENT APPLICATION DATA:  
 ; APPLICATION NUMBER: US/08/401,530A  
 ; FILING DATE: 22-FEB-1995  
 ; CLASSIFICATION: 800  
 ; ATTORNEY/AGENT INFORMATION:  
 ; NAME: Kagan, Sarah A.  
 ; REGISTRATION NUMBER: 32,141  
 ; REFERENCE/DOCKET NUMBER: 00570.48743  
 ; TELECOMMUNICATION INFORMATION:  
 ; TELEPHONE: 202-508-9100  
 ; TELEFAX: 202-508-9299  
 ; INFORMATION FOR SEQ ID NO: 2:  
 ; SEQUENCE CHARACTERISTICS:  
 ; LENGTH: 174 amino acids  
 ; TYPE: amino acid  
 ; TOPOLOGY: linear  
 ; MOLECULE TYPE: protein  
 ; US-08-401-530A-2

Query Match 99.5%; Score 958; DB 2; Length 174;  
 Best Local Similarity 100.0%; Pred. No. 3.6e-98;  
 Matches 174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2 MMLPMTLCRMSWMLLSCLMFLSWVEGESQKLPSSRITCPQGSVAYGSCYSLILIPQTW 61  
 Db 1 MMLPMTLCRMSWMLLSCLMFLSWVEGESQKLPSSRITCPQGSVAYGSCYSLILIPQTW 60  
 Qy 62 SNAELSCOMHFSGHFLAFLSTGETTFVSSLVKNSLTAYQYIWIHLDPHSHGTLPLNGSGWK 121  
 Db 61 SNAELSCOMHFSGHFLAFLSTGETTFVSSLVKNSLTAYQYIWIHLDPHSHGTLPLNGSGWK 120  
 Qy 122 WSSNVLTFFYNWERNPSIAADRGYCAVLSQKSGFQKWRDFNCENELPYICKFKV 175  
 Db 121 WSSNVLTFFYNWERNPSIAADRGYCAVLSQKSGFQKWRDFNCENELPYICKFKV 175

Db 121 WSSNVLTFFYNWERNPSIAADRGYCAVLSQKSGFQKWRDFNCENELPYICKFKV 174

RESULT 3  
 US-08-709-662-2  
 ; Sequence 2, Application US/08709662  
 ; Patent No. 5840531  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Vinik, Aaron I.  
 ; APPLICANT: Pittenger, Gary L.  
 ; APPLICANT: Rafaeloff, Ronit  
 ; APPLICANT: Rosenberg, Lawrence  
 ; APPLICANT: Duguid, William P.  
 ; TITLE OF INVENTION: IN GAP PROTEIN INVOLVED IN PANCREATIC  
 ; TITLE OF INVENTION: ISLET NEOGENESIS  
 ; NUMBER OF SEQUENCES: 7  
 ; CORRESPONDENCE ADDRESS:  
 ; ADDRESSEE: Banner & Witcoff, Ltd.  
 ; STREET: 1001 G Street, N.W.  
 ; CITY: Washington  
 ; STATE: D.C.  
 ; COUNTRY: US  
 ; ZIP: 20001-4597  
 ; COMPUTER READABLE FORM:  
 ; MEDIUM TYPE: Floppy disk  
 ; COMPUTER: IBM PC compatible  
 ; OPERATING SYSTEM: PC-DOS/MS-DOS  
 ; SOFTWARE: PatentIn Release #1.0, Version #1.25  
 ; CURRENT APPLICATION DATA:  
 ; APPLICATION NUMBER: US/08/709,662  
 ; FILING DATE: 09-SEP-1996  
 ; CLASSIFICATION: 435  
 ; ATTORNEY/AGENT INFORMATION:  
 ; NAME: Kagan, Sarah A.  
 ; REGISTRATION NUMBER: 32,141  
 ; REFERENCE/DOCKET NUMBER: 00570.59178  
 ; TELECOMMUNICATION INFORMATION:  
 ; TELEPHONE: 202-508-9100  
 ; TELEFAX: 202-508-9299  
 ; INFORMATION FOR SEQ ID NO: 2:  
 ; SEQUENCE CHARACTERISTICS:  
 ; LENGTH: 174 amino acids  
 ; TYPE: amino acid  
 ; TOPOLOGY: linear  
 ; MOLECULE TYPE: protein  
 ; US-08-709-662-2

Query Match 99.5%; Score 958; DB 2; Length 174;  
 Best Local Similarity 100.0%; Pred. No. 3.6e-98;  
 Matches 174; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2 MMLPMTLCRMSWMLLSCLMFLSWVEGESQKLPSSRITCPQGSVAYGSCYSLILIPQTW 61  
 Db 1 MMLPMTLCRMSWMLLSCLMFLSWVEGESQKLPSSRITCPQGSVAYGSCYSLILIPQTW 60  
 Qy 62 SNAELSCOMHFSGHFLAFLSTGETTFVSSLVKNSLTAYQYIWIHLDPHSHGTLPLNGSGWK 121  
 Db 61 SNAELSCOMHFSGHFLAFLSTGETTFVSSLVKNSLTAYQYIWIHLDPHSHGTLPLNGSGWK 120  
 Qy 122 WSSNVLTFFYNWERNPSIAADRGYCAVLSQKSGFQKWRDFNCENELPYICKFKV 175  
 Db 121 WSSNVLTFFYNWERNPSIAADRGYCAVLSQKSGFQKWRDFNCENELPYICKFKV 174

RESULT 4  
 US-08-401-530A-3  
 ; Sequence 3, Application US/08401530A  
 ; Patent No. 5834590  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Vinik, Aaron I.  
 ; APPLICANT: Pittenger, Gary L.  
 ; APPLICANT: Rafaeloff, Ronit  
 ; APPLICANT: Rosenberg, Lawrence



TELEPHONE: 703-205-8000  
TELEFAX: 703-205-8050  
INFORMATION FOR SEQ ID NO: 2:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 175 amino acids  
TYPE: amino acid  
TOPOLOGY: linear  
MOLECULE TYPE: protein  
US-08-464-637-2

Query Match 59.8%; Score 576; DB 2; Length 175;  
Best Local Similarity 57.2%; Pred. NO. 5.8e-56;  
Matches 99; Conservative 35; Mismatches 39; Indels

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Db	1	MUPPMALPVSWMLLSCLMLLSVQOGEPRELPISARIICPKGSKRAIGSHCVALEFS	60	
Qy	61	WNAELSCOMHFSGHIAFLLTSTGETITFVSSLVKNLSUTAYQYIWLGHDP	SHGTL	120
Db	61	WTDADLACQKPSGNLAVSLVSGAEGSVSSLVKISGNSYVMIGLHDIDTQGTET	120	
Qy	121	KWSSSNVLITFYFNWRNPSIAADRCYCAVLISQKSGFGKWRDNCENELPVCKF	173	
Db	121	EWSSSDVNNYFAWRNPSITSSPGCHCASLSRSTAFRLWKIDNCNVLRLPVCKF	173	

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RESULT 8
US-08-709-662-4
; Sequence 4, Application US/08709662
; Patent No. 5840531
; GENERAL INFORMATION:
; APPLICANT: Vinik, Aaron I.
; APPLICANT: Pittenger, Gary L.
; APPLICANT: Rafaeloff, Ronit
; APPLICANT: Rosenberg, Lawrence
; APPLICANT: Duguid, William P.
; TITLE OF INVENTION: IN GAP PROTEIN INVOLVED IN PANCREATIC
; TITLE OF INVENTION: ISLET NEOGENESIS

```

ADDRESS: Banner & Witcoff, Ltd.  
STREET: 1001 G Street, N.W.  
CITY: Washington  
STATE: D.C.  
COUNTRY: US  
ZIP: 20001-4597  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/709,662  
FILING DATE: 09-SEP-1996

CLASSIFICATION: 433  
ATTORNEY/AGENT INFORMATION:  
NAME: Kagan, Sarah A.  
REGISTRATION NUMBER: 32,141  
REFERENCE/DOCKET NUMBER: 00570.59178  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 202-508-9100  
TELEFAX: 202-508-9299  
INFORMATION FOR SEQ ID NO: 4:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 175 amino acids  
TYPE: amino acid  
TOPOLOGY: linear  
MOLECULE TYPE: protein  
ORIGINAL SOURCE:  
ORGANISM: Homo sapiens  
US-08-709-662-4

Query Match 59.8%; Score 576; DB 2; Length 175;  
Best Local Similarity 57.2%; Pred. No. 5.8e-56;  
Matches 99: Conservative 35; Mismatches 39; Indels

RESULT 10  
US-07-778-156-7  
: Sequence 7, Application US/07778156  
: Patent NO. 5436169  
: GENERAL INFORMATION:  
: APPLICANT: IOVANNA, JUAN-LUCIO  
: APPLICANT: KEIM, VOLKER

Query Match 59.2%; Score 570; DB 1; Length 174;  
Best Local Similarity 57.0%; Pred. No. 2.6e-55;  
Matches 98; Conservative 35; Mismatches 39; Indels 0; Gaps

RESULT 11  
US-08-822-261-4  
; Sequence 4, Application US/08822261

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; Patent No. 5935813
; GENERAL INFORMATION:
; APPLICANT: Hillman, Jennifer L.
; APPLICANT: Goli, Surya K.
; TITLE OF INVENTION: NOVEL HUMAN PANCREATITIS-ASSOCIATED
; TITLE OF INVENTION: PROTEIN
; NUMBER OF SEQUENCES: 6
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Incyte Pharmaceuticals, Inc.
; STREET: 3174 Porter Drive
; CITY: Palo Alto
; STATE: CA
; COUNTRY: USA
; ZIP: 94304
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/822,261
; FILING DATE: Filed Herewith
; CLASSIFICATION: 530
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Billings, Lucy J.
; REGISTRATION NUMBER: 36,749
; REFERENCE/DOCKET NUMBER: PF-0251 US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-855-0555
; TELEFAX: 415-845-4166
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 174 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; IMMEDIATE SOURCE:
; LIBRARY: Genbank
; CLONE: 189601
; US-08-822-261-4

Query Match 59.2%; Score 570; DB 2; Length 174;
Best Local Similarity 57.0%; Pred. No. 2.6e-55;
Matches 98; Conservative 35; Mismatches 39; Indels 0; Gaps 0

QY 1 MMLPMTLCRMSWMLLSCLMFSLWVEGESQKLPSSRITCPQGSVAYGSYCYSLILIPOT 60
Db 1 1MLPPALPSYSWMLLSCLMLLSQVQGEFPQRLPSARICPKGSKAYGSHCYALFLSPKS 60
QY 61 WSNALSLSCQMHFGSHIAFLSTGEITFVSSLVKNSTAYQYIWIGLDPSHGTLPNGSGW 120
Db 61 WTDADLACQKRPNGNLVSLSGAEGSFVSSLVKSIGNSYVWIGLHDPTQGTPEPNEG 120
QY 121 KWSSNNVLTITNNERNPSTIAADRGYCAVLSSQKSGFOKWRDFNCENELPYCK 172
Db 121 EWSSDDVMNTFAERNPSTISSPGHCASLRSRFAFLRWKDYNCNRLPYVCK 172

RESULT 12
US-08-422-166-7
; Sequence 7, Application US/08422166
; Patent No. 5959086
; GENERAL INFORMATION:
; APPLICANT: IOVANNA, JUAN-LUCIO
; APPLICANT: KEIM, VOLKER
; APPLICANT: DAGORN, JEAN-CHARLES
; TITLE OF INVENTION: PROTEIN ASSOCIATED WITH ACUTE
; TITLE OF INVENTION: PANCREATITIS, AGENTS FOR THE DIAGNOSIS OF ACUTE
; TITLE OF INVENTION: PANCREATITIS
; NUMBER OF SEQUENCES: 12

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; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/822,261
; FILING DATE: Filed Herewith
; CLASSIFICATION: 530
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Billings, Lucy J.
; REGISTRATION NUMBER: 36,749
; REFERENCE/DOCKET NUMBER: PF-0251 US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-855-0555
; TELEFAX: 415-845-4166
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 175 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; IMMEDIATE SOURCE:
; LIBRARY: ISL/NOT01
; CLONE: 2072483
; US-08-822-261-1

Query Match 58.3%; Score 561; DB 2; Length 175;
Best Local Similarity 55.2%; Pred. No. 2.6e-54;
Matches 96; Conservative 38; Mismatches 40; Indels 0; Gaps 0;

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Db 1 MLPPMALPSWMLLSCLILLCQVQGETQKELPSRISCPKSKAYGSPCYALFLSPKS 60

Qy 61 WSNABLSCOMFSGHLAFLLTGETTFVSSLVKNSLTAYQYIWLHDPSPHGTLPNGSGW 120
Db 61 WMDADLACQKRPQKLVSLVSGAEGSFVSSLVRSISNSYSYIWLHDPHTOGSEPDGOW 120

Qy 121 KWSSNVLTFYWNERNPSIAADRGYCAVLSQKSGFQKWRDFNCENELPYCKFK 174
Db 121 EWSSTDVNYFAWEKNPSTILNPGHGLSRSTGFLKWKDYNDCAKLPHYCKFK 174

RESULT 14
US-07-778-156-2
; Sequence 2, Application US/07778156
; Patent No. 5436169
; GENERAL INFORMATION:
; APPLICANT: IOVANNA, JUAN-LUCIO
; APPLICANT: KEIM, VOLKER
; APPLICANT: DAGORN, JEAN-CHARLES
; TITLE OF INVENTION: PROTEIN ASSOCIATED WITH ACUTE
; TITLE OF INVENTION: PANCREATITIS, AGENTS FOR THE DIAGNOSIS OF ACUTE
; NUMBER OF SEQUENCES: 12
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: OBLON, SPIVAK, MCCLELLAND, MAIER & NEUSTADT,
; STREET: 1755 Jefferson Davis Highway, Fourth Floor
; CITY: Arlington
; STATE: Virginia
; COUNTRY: U.S.A.
; ZIP: 22202
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/822,166
; FILING DATE: 14-APR-1995
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/778,156
; FILING DATE: 19-DEC-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Oblon, No. 5959086man F.
; REGISTRATION NUMBER: 24,618
; REFERENCE/DOCKET NUMBER: 354-012-0 PCT
; TELECOMMUNICATION INFORMATION:
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; APPLICATION NUMBER: US/07/778,156
; FILING DATE: 19911219
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Oblon, No. 5436169man F.
; REGISTRATION NUMBER: 24,618
; REFERENCE/DOCKET NUMBER: 354-012-0 PCT
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (703)521-4500
; TELEFAX: (703)486-2347
; TELEFAX: 248855 OPAT'OR
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 184 amino acids
; TYPE: AMINO ACID
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; US-07-778-156-2

Query Match 57.8%; Score 557; DB 1; Length 184;
Best Local Similarity 60.1%; Pred. No. 7.8e-54;
Matches 95; Conservative 29; Mismatches 34; Indels 0; Gaps 0;

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; Sequence 2, Application US/08422166
; Patent No. 5959086
; GENERAL INFORMATION:
; APPLICANT: IOVANNA, JUAN-LUCIO
; APPLICANT: KEIM, VOLKER
; APPLICANT: DAGORN, JEAN-CHARLES
; TITLE OF INVENTION: PROTEIN ASSOCIATED WITH ACUTE
; TITLE OF INVENTION: PANCREATITIS, AGENTS FOR THE DIAGNOSIS OF ACUTE
; NUMBER OF SEQUENCES: 12
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: OBLON, SPIVAK, MCCLELLAND, MAIER & NEUSTADT,
; STREET: 1755 Jefferson Davis Highway, Fourth Floor
; CITY: Arlington
; STATE: Virginia
; COUNTRY: U.S.A.
; ZIP: 22202
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
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; FILING DATE: 14-APR-1995
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/778,156
; FILING DATE: 19-DEC-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Oblon, No. 5959086man F.
; REGISTRATION NUMBER: 24,618
; REFERENCE/DOCKET NUMBER: 354-012-0 PCT
; TELECOMMUNICATION INFORMATION:
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; TELEPHONE: (703)521-4500
; TELEFAX: (703)486-2347
; TELEX: 248855 OPAT UR
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 184 amino acids
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; TOPOLOGY: linear
; MOLECULE TYPE: protein
; US-08-422-166-2

Query Match      57.8%; Score 557; DB 2; Length 184;
Best Local Similarity 60.1%; Pred. No. 7.8e-54;
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GenCore version 5.1.3  
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OM protein - protein search, using sw model

Run on: February 13, 2003, 22:51:11 ; Search time 71.393 Seconds  
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62.626 Million cell updates/sec

Title: us-09-659-379-6  
Perfect score: 963  
Sequence: 1 MMLPMTLCRMSWMLLSCLMF.....QKWRDFNCNELPYICKFKV 175

Scoring table: BLOSUM62

Gapop 10.0 , Gapext 0.5

Searched: 140259 seqs, 25548976 residues

Total number of hits satisfying chosen parameters: 140259

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES						
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2	561	58.3	175	9	US-09-978-295A-452	Sequence 452, App
3	561	58.3	175	9	US-09-978-697-452	Sequence 452, App
4	561	58.3	175	9	US-09-978-192A-452	Sequence 452, App
5	561	58.3	175	9	US-09-999-832A-452	Sequence 452, App
6	561	58.3	175	9	US-09-978-189-452	Sequence 452, App
7	561	58.3	175	9	US-10-174-590-424	Sequence 424, App
8	561	58.3	175	9	US-10-176-758-424	Sequence 424, App
9	561	58.3	175	9	US-10-175-737-424	Sequence 424, App
10	561	58.3	175	9	US-10-173-706-424	Sequence 424, App
11	561	58.3	175	9	US-10-175-738-424	Sequence 424, App
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17	561	58.3	175	9	US-10-180-557-424	Sequence 424, App
18	561	58.3	175	9	US-10-173-700-424	Sequence 424, App
19	561	58.3	175	9	US-10-174-572-424	Sequence 424, App

20 561 58.3 175 9 US-10-174-579-424 Sequence 424, App  
21 561 58.3 175 9 US-10-174-582-424 Sequence 424, App  
22 561 58.3 175 9 US-10-174-588-424 Sequence 424, App  
23 561 58.3 175 9 US-10-175-739-424 Sequence 424, App  
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32 561 58.3 175 9 US-10-176-991-424 Sequence 424, App  
33 561 58.3 175 9 US-10-176-992-424 Sequence 424, App  
34 561 58.3 175 9 US-10-176-993-424 Sequence 424, App  
35 561 58.3 175 9 US-10-184-658-424 Sequence 424, App  
36 561 58.3 175 12 US-10-052-586-424 Sequence 424, App  
37 408.5 42.4 174 10 US-09-925-297-753 Sequence 753, App  
38 388.5 40.3 174 10 US-09-925-301-1182 Sequence 1182, App  
39 254 26.4 106 10 US-09-925-301-1553 Sequence 1553, Ap  
40 190 19.7 158 9 US-10-025-380-1070 Sequence 1070, Ap  
41 190 19.7 158 9 US-10-025-380-1077 Sequence 1077, Ap  
42 190 19.7 158 9 US-10-025-380-1078 Sequence 1078, Ap  
43 190 19.7 158 9 US-10-025-380-1079 Sequence 1079, Ap  
44 190 19.7 158 9 US-10-025-380-1080 Sequence 1080, Ap  
45 190 19.7 158 10 US-09-922-217-1070 Sequence 1070, Ap

ALIGNMENTS

RESULT 1  
US-09-925-301-1013  
; Sequence 1013, Application US/09925301  
; Patent No. US20020052308A1  
; GENERAL INFORMATION:  
; APPLICANT: Rosen et al.  
; TITLE OF INVENTION: Nucleic Acids, Proteins and Antibodies  
; FILE REFERENCE: PA106  
; CURRENT APPLICATION NUMBER: US/09/925,301  
; CURRENT FILING DATE: 2001-08-10  
; PRIOR APPLICATION NUMBER: PCT/US00/05882  
; PRIOR FILING DATE: 2000-03-08  
; PRIOR APPLICATION NUMBER: 60/124,270  
; PRIOR FILING DATE: 1999-03-12  
; NUMBER OF SEQ ID NOS: 1694  
; SOFTWARE: PatentIn ver. 2.0  
; SEQ ID NO 1013  
; LENGTH: 183  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
US-09-925-301-1013

Query Match 59.8%; Score 576; DB 10; Length 183;  
Best Local Similarity 57.2%; Pred. No. 1.7e-50;  
Matches 99; Conservative 35; Mismatches 39; Indels 0; Gaps 0;  
Qy 1 MMLPMTLCRMSWMLLSCLMFLSWVEGESQKLLPSSRITCQGSVAYGSCYCYSLILIPQT 60  
Db 9 MLPPNALPFSVMMLLSCLMFLSQVQGEPPQRELPSARIRCPKSGKAYGSHCYALFLSPKS 68  
Qy 61 WSAEELSCQMHFSGHLAFLLTGTGTEITFVSSLVKNSLTAYQVIGLHDPHSGHTLPNGSGW 120  
Db 69 WTDADLACQKRPQSNLVSLSGAEGSFVSSLLVSGNSISYVIGLHDPDTGTGTPNGEGW 128  
Qy 121 KWSSNVLTFYWNERNPSIAADRGYCAVLSQKSGFQKWRDFNCENELPYICKF 173  
Db 129 EWSSSDVMNYFAWERNPSTISSPGHCASLSRSTAFLRWKDYNVNLRYVCKF 181  
RESULT 2  
US-09-978-295A-452  
; Sequence 452, Application US/09978295A

Patent No. US20020156006A1  
GENERAL INFORMATION:  
APPLICANT: Ashkenazi, Avi  
APPLICANT: Baker Kevin P.  
APPLICANT: Bolstein, David  
APPLICANT: Desnoyers, Luc  
APPLICANT: Eaton, Dan  
APPLICANT: Ferrara, Napoleon  
APPLICANT: Filvaroff, Ellen  
APPLICANT: Fong, Sherman  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Gerber, Hanspeter  
APPLICANT: Gerritsen, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Grimaldi, J. Christopher  
APPLICANT: Gurney, Austin L.  
APPLICANT: Hillan, Kenneth J.  
APPLICANT: Kijavlin, Ivar J.  
APPLICANT: Kuo, Sophia S.  
APPLICANT: Napier, Mary A.  
APPLICANT: Pan, James  
APPLICANT: Paoni, Nicholas F.  
APPLICANT: Roy, Margaret Ann  
APPLICANT: Shelton, David L.  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Williams P. Mickey  
APPLICANT: Wood, William I.  
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
TITLE OF INVENTION: Acids Encoding the Same  
FILE REFERENCE: P2630P1C11  
CURRENT APPLICATION NUMBER: US/09/978, 295A  
CURRENT FILING DATE: 2001-10-15  
PRIOR APPLICATION NUMBER: 09/918585  
PRIOR FILING DATE: 2001-07-30  
PRIOR APPLICATION NUMBER: 60/062250  
PRIOR FILING DATE: 1997-10-17  
PRIOR APPLICATION NUMBER: 60/064249  
PRIOR FILING DATE: 1997-11-03  
PRIOR APPLICATION NUMBER: 60/065311  
PRIOR FILING DATE: 1997-11-13  
PRIOR APPLICATION NUMBER: 60/066364  
PRIOR FILING DATE: 1997-11-21  
PRIOR APPLICATION NUMBER: 60/077450  
PRIOR FILING DATE: 1998-03-10  
PRIOR APPLICATION NUMBER: 60/077632  
PRIOR FILING DATE: 1998-03-11  
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PRIOR FILING DATE: 1998-03-11  
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PRIOR FILING DATE: 1998-03-11  
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PRIOR FILING DATE: 1998-03-12  
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PRIOR FILING DATE: 1998-03-13  
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PRIOR FILING DATE: 1998-03-20  
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PRIOR FILING DATE: 1998-03-20  
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PRIOR FILING DATE: 1998-03-25  
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PRIOR FILING DATE: 1998-03-26  
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PRIOR FILING DATE: 1998-03-27  
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PRIOR FILING DATE: 1998-04-29  
PRIOR APPLICATION NUMBER: 60/079728  
PRIOR FILING DATE: 1998-03-27  
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PRIOR FILING DATE: 1998-03-31  
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PRIOR FILING DATE: 1998-04-01  
PRIOR APPLICATION NUMBER: 60/080328  
PRIOR FILING DATE: 1998-04-01  
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PRIOR APPLICATION NUMBER: 60/080334  
PRIOR FILING DATE: 1998-04-01  
PRIOR APPLICATION NUMBER: 60/081070  
PRIOR FILING DATE: 1998-04-08  
PRIOR APPLICATION NUMBER: 60/081049  
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 ; PRIOR FILING DATE: 1998-05-15  
 ; PRIOR APPLICATION NUMBER: 60/085573  
 ; PRIOR FILING DATE: 1998-05-15  
 ; PRIOR APPLICATION NUMBER: 60/085704  
 ; PRIOR FILING DATE: 1998-05-15  
 ; PRIOR APPLICATION NUMBER: 60/085697

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 Best Local Similarity 55.28; Pred. No. 5,2e-49;  
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RESULT 3  
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; Sequence 452, Application US/09978697  
 ; Patent No. US20020169284A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Ashkenazi, Avi  
 ; APPLICANT: Baker Kevin P.  
 ; APPLICANT: Botstein, David  
 ; APPLICANT: Desnoyers, Luc  
 ; APPLICANT: Eaton, Dan  
 ; APPLICANT: Ferrara, Napoleon  
 ; APPLICANT: Filvaroff, Ellen  
 ; APPLICANT: Fong, Sherman  
 ; APPLICANT: Gao, Wei-Qiang  
 ; APPLICANT: Gerber, Hanspeter  
 ; APPLICANT: Gerritsen, Mary E.  
 ; APPLICANT: Goddard, Audrey  
 ; APPLICANT: Godowski, Paul J.  
 ; APPLICANT: Grimaldi, J. Christopher  
 ; APPLICANT: Gurney, Austin L.  
 ; APPLICANT: Hillan, Kenneth J.  
 ; APPLICANT: Kljavin, Ivar J.  
 ; APPLICANT: Kuo, Sophia S.  
 ; APPLICANT: Napier, Mary A.  
 ; APPLICANT: Pan, James;  
 ; APPLICANT: Paoni, Nicholas F.  
 ; APPLICANT: Roy, Margaret Ann  
 ; APPLICANT: Shelton, David L.  
 ; APPLICANT: Stewart, Timothy A.  
 ; APPLICANT: Tumas, Daniel  
 ; APPLICANT: Williams, P. Mickey  
 ; APPLICANT: Wood, William I.  
 ; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
 ; FILE REFERENCE: P2630P1C27  
 ; CURRENT APPLICATION NUMBER: US/09/978,697  
 ; CURRENT FILING DATE: 2001-10-16  
 ; PRIOR APPLICATION NUMBER: 09/918585  
 ; PRIOR FILING DATE: 2001-07-30  
 ; PRIOR APPLICATION NUMBER: 60/062250  
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[illegible]

US-09-978-192A-452  
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; Patent No. US2002017553A1  
; GENERAL INFORMATION:  
; APPLICANT: Ashkenazi, Avi  
; APPLICANT: Baker Kevin P.  
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; APPLICANT: Ferrara, Napoleon  
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; APPLICANT: Tumas, Daniel  
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; APPLICANT: Wood, William I.  
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
; FILE OF INVENTION: Acids Encoding the Same  
; FILE REFERENCE: P2630PlC9  
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54	PRIOR APPLICATION NUMBER: 60/085704	
55	PRIOR FILING DATE: 1998-05-15	
56	PRIOR APPLICATION NUMBER: 60/085697	

Best local similarity 55.2%, FREQ NO: 5.2E-49,  
Matches 96: Conservative 38: Mismatches 40: Indels 0: Gaps 0:

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Db	121	EWSSTDVNNYFAWEKNPSTILNPGHCGLSRSTGFLKKWKDYNCDAKLPPYCKPK	174

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; GENERAL INFORMATION:  
; APPLICANT: Ashkenazi, Avi  
; APPLICANT: Baker Kevin P.  
; APPLICANT: Botstein, David  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Eaton, Dan  
; APPLICANT: Ferrari, Napoleon  
; APPLICANT: Filvaroff, Ellen  
; APPLICANT: Fong, Sherman  
; APPLICANT: Gao, Wei-Qiang  
; APPLICANT: Gerber, Hanspeter  
; APPLICANT: Gerritsen, Mary E.  
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; APPLICANT: Paoni, Nicholas F.  
; APPLICANT: Roy, Margaret Ann  
; APPLICANT: Shelton, David L.  
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; APPLICANT: Tumas, Daniel  
; APPLICANT: Williams, P. Mickey  
; APPLICANT: Wood, William I.  
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
; TITLE OF INVENTION: Acids Encoding the Same  
; FILE REFERENCE: P2630PIC7  
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; PRIOR APPLICATION NUMBER: 09/918585  
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Db	61	WMDADLACQKRPSSGKGLSVLSGAEGSFVSSLVRSISNSYSYIWIWGLHDPQTGSEPDGCGW	120
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Qy	121 KWSSNNVLTYFNWRNPISAADRGYCAVLSSQKSGFKQRWDFNCENELPYICKEK	174			
	: : : : :   : : : : :   : : : : :   : : : : :   : : : : :   : : : : :				
Dd	121 EWSSTDVNMYFAWEKNPTIINPCHGSLSRSTGFGLKWKYDNCAKLPYGVCKEK	174			

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RESULT 8      RESULT 9
US-10-17     US-10-17
; Sequen    ; Public
; Public   ; Public
; GENERA   ; GENERA
APPLI      APPLI
APPLI      APPLI
APPLI      APPLI
APPLI      APPLI
APPLI      APPLI
APPLI      APPLI
APPLI      APPLI
APPLI      APPLI
TITLE      TITLE
FILE       FILE
CURREN     CURREN
CURREN     Prior
NUMBE      NUMBE
SEQ ID     SEQ ID
          : LENG
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; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-176-758-424

Query Match      58.3%; Score 561; DB 9; Length 175;
Best Local Similarity 55.2%; Pred. No. 5.2e-49;
Matches 96; Conservative 38; Mismatches 40; Indels 0; Gaps 0;

Qy 1 MMLPMTLCRSMWLLSCMLFSLWVEGESOKKLPSSRITCPQGSVAYGSCYSLILPQT 60
Db 1 MLPPMALPSVSMWLLSCILLICQVQGETOKELPSRISCPKSKAYGSPCYALFLSPKS 60

Qy 61 WSNALSCQMHSGLHFLAFLSTGEITVSSLVKNSLTAYQYIWIGLHDPHSGTLPNGSGW 120
Db 61 WMDADLACQRRPSGKLVSLSGAEGSFVSSLSVRSISNSYSYIWIGLHDPHSGTLPNGSGW 120

Qy 121 KWSSSNVLTFFYNWRNPISIAADRGYCAVLQSGQFQKWRDFNCENELPYICKFK 174
Db 121 EWSSTDVWNYFAWEKNPSTILNPGHCGSLRSTGFLKWKDYNCDAKLPYVCKFK 174

RESULT 9
US-10-175-737-424
; Sequence 424, Application US/10175737
; Publication No. US20030013153A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Chen, Jian
; APPLICANT: Desnoyers, Luc
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Pan, James
; APPLICANT: Smith, Victoria
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Wood, William I.
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3430R1C50
; CURRENT APPLICATION NUMBER: US/10/175, 737
; CURRENT FILING DATE: 2002-06-19
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 612
; SEQ ID NO 424
; LENGTH: 175
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-175-737-424

Query Match      58.3%; Score 561; DB 9; Length 175;
Best Local Similarity 55.2%; Pred. No. 5.2e-49;
Matches 96; Conservative 38; Mismatches 40; Indels 0; Gaps 0;

Qy 1 MMLPMTLCRSMWLLSCMLFSLWVEGESOKKLPSSRITCPQGSVAYGSCYSLILPQT 60
Db 1 MLPPMALPSVSMWLLSCILLICQVQGETOKELPSRISCPKSKAYGSPCYALFLSPKS 60

Qy 61 WSNALSCQMHSGLHFLAFLSTGEITVSSLVKNSLTAYQYIWIGLHDPHSGTLPNGSGW 120
Db 61 WMDADLACQRRPSGKLVSLSGAEGSFVSSLSVRSISNSYSYIWIGLHDPHSGTLPNGSGW 120

Qy 121 KWSSSNVLTFFYNWRNPISIAADRGYCAVLQSGQFQKWRDFNCENELPYICKFK 174
Db 121 EWSSTDVWNYFAWEKNPSTILNPGHCGSLRSTGFLKWKDYNCDAKLPYVCKFK 174

RESULT 10
US-10-173-706-424
; Sequence 424, Application US/10173706
; Publication No. US20030022293A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
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; APPLICANT: Chen, Jian
; APPLICANT: Desnoyers, Luc
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Pan, James
; APPLICANT: Smith, Victoria
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Wood, William I.
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3430R1C7
; CURRENT APPLICATION NUMBER: US/10/173, 706
; CURRENT FILING DATE: 2002-06-17
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 612
; SEQ ID NO 424
; LENGTH: 175
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-173-706-424

Query Match      58.3%; Score 561; DB 9; Length 175;
Best Local Similarity 55.2%; Pred. No. 5.2e-49;
Matches 96; Conservative 38; Mismatches 40; Indels 0; Gaps 0;

Qy 1 MMLPMTLCRSMWLLSCMLFSLWVEGESOKKLPSSRITCPQGSVAYGSCYSLILPQT 60
Db 1 MLPPMALPSVSMWLLSCILLICQVQGETOKELPSRISCPKSKAYGSPCYALFLSPKS 60

Qy 61 WSNALSCQMHSGLHFLAFLSTGEITVSSLVKNSLTAYQYIWIGLHDPHSGTLPNGSGW 120
Db 61 WMDADLACQRRPSGKLVSLSGAEGSFVSSLSVRSISNSYSYIWIGLHDPHSGTLPNGSGW 120

Qy 121 KWSSSNVLTFFYNWRNPISIAADRGYCAVLQSGQFQKWRDFNCENELPYICKFK 174
Db 121 EWSSTDVWNYFAWEKNPSTILNPGHCGSLRSTGFLKWKDYNCDAKLPYVCKFK 174

RESULT 11
US-10-175-738-424
; Sequence 424, Application US/10175738
; Publication No. US20030022294A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Chen, Jian
; APPLICANT: Desnoyers, Luc
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Pan, James
; APPLICANT: Smith, Victoria
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Wood, William I.
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3430R1C45
; CURRENT APPLICATION NUMBER: US/10/175, 738
; CURRENT FILING DATE: 2002-06-19
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 612
; SEQ ID NO 424
; LENGTH: 175
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-175-738-424

Query Match      58.3%; Score 561; DB 9; Length 175;
Best Local Similarity 55.2%; Pred. No. 5.2e-49;
Matches 96; Conservative 38; Mismatches 40; Indels 0; Gaps 0;
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